

19971028.qrp v00\_n892.qrs.971028

Date: Tue, 28 Oct 1997 19:03:41 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 892

QRP-L Digest 892

Topics covered in this issue include:

- 1) [29718] QRP Afield Results  
by camqrp@cyberg8t.com (Cam Hartford)
- 2) [29719] FOX  
by gsurrency@juno.com (Gary L L Surrency)
- 3) [29719] Pixie2 Files Sent!  
by fmathews@norfolk.infi.net (Frank Matthews)
- 4) [29719] Re: FOX  
by David Bixler <qrp@netins.net>
- 5) [29720] FOX  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 6) [29721] Re: Fox MIA  
by Joe Gervais <vole@primenet.com>
- 7) [29722] FOX  
by Wayne Alexander <walexander@wwn.net>
- 8) [29723] Portland/Vancouver area QRPers  
by "Michael Fletcher" <kl7ixi@mailcity.com>
- 9) [29724] FOX  
by gsurrency@juno.com (Gary L L Surrency)
- 10) [29725] FOX: Heard yet?  
by Vic Rosenthal <rakefet@rakefet.com>
- 11) [29726] Re: FOX: Heard yet?  
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 12) [29726] NorCal Paddle Bushings  
by doug hauff <slmachco@fix.net>
- 13) [29727] MFJ 9040 MODS?  
by Mike Duke <K5xu@cris.com>
- 14) [29728] Re: FOX: Heard yet?  
by Vic Rosenthal <rakefet@rakefet.com>
- 15) [29728] Re: FOX: Heard yet?  
by Joel Malman <malman@BBN.COM>
- 16) [29729] Re: FOX: Heard yet?  
by Joe Gervais <vole@primenet.com>
- 17) [29730] Re: FOX: Heard yet?  
by Vic Rosenthal <rakefet@rakefet.com>
- 18) [29731] WTB: Unassembled St. Louis Tuner  
by "Mark A. Andrews" <KE4IOF@HiWAAY.net>
- 19) [29732] silent fox?

by "Dick Schneider" <rschneid@ix22.ix.netcom.com>  
20) [29733] FOX (GOT HIM)  
by Wayne Alexander <walexander@wwn.net>  
21) [29734] 38 Spec... still going...  
by "Thomas J. McCuen" <TMcCuen@compuserve.com>  
22) [29735] Re: FOX: Heard yet?  
by Roger Hightower <n7kt@dancris.com>  
23) [29736] More on shielded loops  
by Steven Weber <kd1jv@moose.ncia.net>  
24) [29736] FOX FOX FOX  
by Jess Gypin <jessqrp@concentric.net>  
25) [29737] FOX FOX FOX  
by Jess Gypin <jessqrp@concentric.net>  
26) [29738] FOX FOX FOX FOX FOX FOX NOW!  
by Jess Gypin <jessqrp@concentric.net>  
27) [29739] FOX  
by gsurrency@juno.com (Gary L L Surrency)  
28) [29740] Re: FOX  
by gsurrency@juno.com (Gary L L Surrency)  
29) [29741] FOX conditions  
by gsurrency@juno.com (Gary L L Surrency)  
30) [29742] Thanks for N/T+ FOX tonite!  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
31) [29743] Thanks for FOX tonight!  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
32) [29744] Re: FOX FOX FOX FOX FOX FOX NOW!  
by David Bixler <qrp@netins.net>  
33) [29745] Fox..... What big ears you have!  
by Jeff Grudin <grudin@pacific.vdbs.com>  
34) [29746] Fox - Suggestions  
by kb0rol@juno.com (Bradley L Mugleston)  
35) [29747] Re: FOX FOX FOX  
by Monte Stark <ku7y@sage.dri.edu>  
36) [29748] NOTFI In NM, Calls Heard  
by "James R. Duffey" <jamesd1@flash.net>  
37) [29749] QRP to the Field - results  
by "Bob Kellogg" <ae4ic@nr.infi.net>  
38) [29750] N/T Fox  
by elly@epix.net  
39) [29751] The FOX was skunked. Family first, a ham is balanced (I think)  
by Jess Gypin <jessqrp@concentric.net>  
40) [29752] FOX  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
41) [29753] FOX FOX FOX  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
42) [29754] FOX  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
43) [29755] Re: NorCal Paddle Bushings

by doug hauff <slmachco@fix.net>

44) [29756] Fox Radio Used  
by Jess Gypin <jessqrp@concentric.net>

45) [29757] NOTFI In NM, Calls Heard  
by "Wilford D. Lindsey" <70511.3041@CompuServe.COM>

46) [29758] FOX  
by "George F. Allgood" <k4pym@carol.net>

47) [29759] FOX: Idea for Late Foxii...  
by Joe Gervais <vole@primenet.com>

48) [29760] 10 is open!  
by "Daniel L. Evans" <dlevans@hsonline.net>

49) [29761] N7VE Visual SWR Indicator  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>

50) [29762] Re: Smoked 'Diller Blues  
by "Daniel L. Evans" <dlevans@hsonline.net>

51) [29763] Re: 10 is open!  
by Scott Bauer <ke3nv@erols.com>

52) [29764] Help with Centennial  
by "D.K. Philbin" <dphilbin@slonet.org>

53) [29765] Re: CW/SSB ratio=18dB. How?....  
by frasche@torino.ALPcom.it (franco schellenbaum)

54) [29766] HK708 Keys Are In!  
by "Marshall Emm" <mgemm@ntechnologies.com>

55) [29767] 6M Propagation  
by Dave.Ackrill@LotusXchgPG.powergen.co.uk

56) [29768] RE: FOX FOX FOX  
by n4js@amsat.org

57) [29769] Re: QRP Bicycling  
by Rogerio Gonzaga <gonzaga@med.up.pt> (by way of mhc@esoterica.pt (Helena & Rogerio Gonzaga) by way of Rogerio Gonzaga <gonzaga@med.up.pt>)

58) [29770] FOX Log Corrections  
by Jess Gypin <jessqrp@concentric.net>

59) [29771] Monday night FOX  
by "Larry Wise KA5T" <lewise@inetport.com>

60) [29772] Armadillo Mults and Such  
by "Owen 'OJ' Quarles" <k1oj@swbell.net>

61) [29773] DC Electronics  
by Derek Brown <DBrown@RFMD.com>

62) [29773] More on Monday night fox.....  
by "KA5T Larry Wise" <lewise@inetport.com>

63) [29774] Them bands, they are alive  
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

64) [29775] NOTFI  
by "Rattray, Bruce" <Rattray@siast.sk.ca>

65) [29776] For Sale - Mint 962, 700C  
by PaulKB8N@aol.com

66) [29777] QRP SSB  
by bcutter@teal.csn.net (Bob Cutter)

- 67) [29778] adding KC1 to OHR 100  
by "Dick Schneider" <rschneid@ix23.ix.netcom.com>
- 68) [29779] Help:NVIS antenna info?  
by "W. D. Lindsey" <70511.3041@compuserve.com>
- 69) [29780] Re:CW/SSB ratio=18dB. may be better!  
by Michael Keller <michael.keller@gmx.net>
- 70) [29781] Re: Need Some IC's for simple receivers  
by Leon Heller <leon@lfheller.demon.co.uk>
- 71) [29782] Re: More on shielded loops  
by Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
- 72) [29783] CW SS 97 Prelims  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 73) [29784] NorCal 2222 Building Contest  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 74) [29785] Sub Arctic Fox Log  
by Paul Erickson <paul1@wizard.ucsf.sfu.ca>
- 75) [29786] Re: DC Electronics  
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
- 76) [29786] NVIS  
by kh6b@juno.com (Dean W Manley)
- 77) [29787] Re: NorCal 2222 Building Contest  
by Ed Loranger <we6w@qsl.net>
- 78) [29788] A way to search for a capacitor  
by "rohre" <rohre@arlut.utexas.edu>
- 79) [29789] Re: CW/SSB ratio=18dB. may be better\!  
by Zack Lau <zlau@arrl.org>
- 80) [29790] Re: NOTFI In NM, Calls Heard  
by Ed Loranger <we6w@qsl.net>
- 81) [29791] MD MW QRP Dinner, WSSC tour by AB3A - details  
by "Scott Rosenfeld [NF3I]" <ham@w3eas.umd.edu>
- 82) [29792] Re: CW SS 97 Prelims  
by Allen Jones <ajones@adsnet.com>
- 83) [29792] Re: NVIS  
by Jim W7LS <w7ls@brigadoon.com>
- 84) [29793] Re: Help:NVIS antenna info?  
by Ed Loranger <we6w@qsl.net>
- 85) [29794]  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 86) [29795] QRP dinner in Laurel, MD  
by "Mike Czuhajewski" <mczuhajewski@evi-inc.com>
- 87) [29795] NorCal K8FF Paddle Kits  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 88) [29796] Horizontal plane loop notes  
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 89) [29797] DC Electronics  
by Derek Brown <DBrown@RFMD.com>
- 90) [29798] Sierra Mods  
by "Dick Schneider" <rschneid@ix12.ix.netcom.com>

- 91) [29799] G-QRP Club  
by wd4et@juno.com (Jeffrey L. L. Greer)
- 92) [29800] Re: MFJ 9040 MODS?  
by Michael Maiorana <mikemo@ibm.net>
- 93) [29801] Re: CW SS 97 Prelims  
by Monte Stark <ku7y@sage.dri.edu>
- 94) [29802] Re: NorCal 2222 Building Contest  
by Steven Weber <kd1jv@moose.ncia.net>
- 95) [29803] 3 new Digital Frequency Displays and more  
by neil <neil@aaade.com>
- 96) [29804] Re: MFJ 9040 MODS?  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 97) [29805] Re: MFJ 9040 MODS?  
by Ed Pacyna <pacyna@auratek.com>
- 98) [29806] Re: NorCal 2222 Building Contest  
by "Bob Berlyn (HB Electronics)" <hb\_elec@ids.net>
- 99) [29806] Re: Help:NVIS antenna info? (lengthy)  
by JCoote@aol.com
- 100) [29807] E-Mail bouncing  
by Monte Stark <ku7y@sage.dri.edu>
- 101) [29807] Zero Beat (long question)  
by Andy Fox <foxes@theriver.com>
- 102) [29808] Re: 49er (Remember them?)  
by JCoote@aol.com

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Date: Mon, 27 Oct 1997 16:14:41 -0800 (PST)  
From: camqrp@cyberg8t.com (Cam Hartford)  
To: qrp-l@Lehigh.EDU  
Subject: [29718] QRP Afield Results  
Message-ID: <199710280014.QAA15563@key.cyberg8t.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang -

Chet Bowles asked me to put out this note since he is not subscribed to this list. If you need to respond to Chet, you can do so directly at bowles@cmf.org.

TNX,

Cam N6GA

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Hi Gang,

Here are the final results for the 1997 QRP Afield. As promised, the first place finishers will get a plaque and the other top ten finishers will get certificates. I'll get those out in a couple of weeks.

In the meantime, we had more entries this year than in any prior year. There were *\*very few\** QRPNE members on the air and even fewer who submitted logs. I was traveling and didn't even get on the air myself. Oh well.

>From the comments, folks seemed to have a good time and are looking forward to next year's contest.

Let me know if you have questions, etc. However, I don't subscribe to the list, so contact me directly at bowles@cmf.org

Happy QRPing,

Chet, W1CSB

#### QRP Afield-1997 Final Results

The first place plaque and certificates for the other top-ten finishers will be mailed as soon as they are available.

Call	Name	Score	Qs	Mults	Class	Location
K5ZTY	Bill Steinroth & Bill Denton	17,272	127	34	Hfield	Woods, NZ Ranch, Bedis, TX
WA7LNW	Jack Reed	11,136	87	32	Hfield	Brian Head Peak, UT
WQORP	MN QRP Soc	10,292	83	31	Hfield	Oak Park, MN
WB4ZKA	Mike Pulley	9,504	54	22	Lfield	Copper Basin Camp, AZ
N1FN	Marshall Emm	8,200	82	25	Hfield	Daniels Park, CO
W5FN	Tim Aherns	6,880	43	20	Lfield	nr Driftwood, TX VFD
AE4IC	Bob Kellogg	5,616	39	18	Lfield	Falls Lake Rec Area, NC
KF6NKR	Cam Hartford	5,168	34	19	Lfield	Table Mtn Campgrnd, CA
N4BP	Bob Patten	5,400	150	36	Hperm	Home, Plantation, FL
AB7TK	Randy Foltz	4,080	60	17	Hfield	Moscow, ID
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N7CEE	Bruce Grubbs	3,240	27	15	Lfield	near Flagstaff, AZ
W5VBO	Brain Kassel	3,312	46	18	Hfield	White Tanks SP, AZ
AA5TB	Steve Yates	3,120	26	15	Lfield	Backyard, Fort Worth, TX
W9SUL	Dave Cary	3,036	33	23	Hfield	Backyard, Rochester, MN
WD8RIF	SE Ohio RAT	2,808	39	18	Hfield	Highland Park, Athens, OH
AL7FS	Jim Larsen	2,100	75	28	Hperm	Home, Anchorage, AK

WB8TPM	Ed Clark	1,872	18	13	Lfield	Echo Twp., MI
K50I	Tim Pettibone	1750	29	15	Hfield	NMSU parking lot
AA0SM	AnthonyDrumm	1680	28	15	Hfield	Camp nr Spring Valley, MN
WB3AAL	Ron Polityka	1440	15	12	Lfield	Locust Lake SP, PA
N2TO	Kevin Glynn	1,400	25	14	Hfield	Ft. Hamilton, Brooklyn, NY
N2CQ	Ken Newman	1,300	25	13	Hfield	Backyard, Woodbury, NJ
AB5UA	Clifton Sikes	1,260	30	21	Lperm	Earlsboro, OK
WB3GCK	Craig LaBarge	1,248	15	12	Lfield	French Creek SP, PA
NR3E	DavidKreinberg	1,200	50	24	Hperm	Lewisville, TX
AA0ZR	JaneWoodening	896	28	8	Hfield	Nederland, CO
W1XH	Al Bates	832	13	8	Lfield	Heart Pond, MA
VE3ELA	Ken La Rose	832	16	13	Hfield	Wye Heritage Marina, ONT
K5RAC	Rad. C&C Cb	832	16	13	Hfield	Red Kane Park, TX
N2SMH	DavidMaliniak	560	14	10	Hfield	In-laws QTH, Lebanon, NJ
N4JS/MM	John Sielke	560	10	7	Lfield	Maurice River, NJ
N2VPK	Mark Adams	446	26	16	Hperm	Clarence, NY
W1FN	Twin State RC	396	11	9	Hfield	Thetford, VT
W3MWY	G.W. Morgan	384	12	8	Hfield	Baltimore, MD
K0LWV	Larry Mergen	350	25	14	Hperm	Raymore, MO
NI0A	John Perrone	280	10	7	Hfield	Island Lake, MN
N0IBT	David Perry	280	20	14	Hperm	Boulder, CO
AE0Q	Glenn Pladsen	240	20	12	Hperm	Lakewood, CO
KE5TC	Royce Rainwater	224		8	7	Hfield Keota, OK
WA4AAK	Evan McDade	165	15	11	Hperm	Huntsville, AL
WA6FUH	Ward Hill	120	10	3	Hfield	Roseville, CA
WA9PWP	Paul Goemans	120	12	10	Hperm	Stoughton, WI
N4UY		108	12	9	Hperm	
N2BRT	Adam Kanis	20	5	4	Hperm	Wellman, IA

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Soapbox:

Location gave me great views of 3 states and 4 national parks. Except for rain, sleet, snow and 50 mph winds, it was a real blast! WA7LNW

Got several new states 2XQRP--Fun event. Would like to see first name added to next year's event. W9SUL

Fun. Camped out with Boy Scout troop--first time they've shown much interest in ham radio. AA0SM

WX very cool and windy with scattered showers. Most signals not strong. VE3ELA

Bands were spotty, but a very enjoyable day. AE4IC

Perfect WX, had to ground the kite and use G5RV. Nobody else showed up, so

had to do it solo. N0UR (for MN QRP Society)

Only able to work two hours--20M was hopping and 40M wasn't. K50I

Worked 10 more Qs and 2 more mults than last year which makes us successful in our book. Worked a JA7 who was incredulous at our 0.95W. Also worked AK. WB4ZKA

My first QRP contest--enjoyed it immensely. Highlight was working QRPpp station WB3AAL (9mw). WA4AAK

This year's motto was: Quality, not quantity. Highlight was working AL7FS. N2SMH

Raining and cold--stayed home this year. AE0Q

It was a real struggle this year for some reason. My worst showing to date! Murphy was on hand for the setup and I had some equipment problems to deal with. WB3GCK

Lot of fun! Thanks. Good to hear the milliwatt stations. NR3E

Had a ball, but got cold in the tent at dusk--fall came early in MI! WB8TPM

Not much air time, but was fun! Thanks for the contest! KE5TC

Could only operate for 45 minutes, but had fun--seemed to be lots of activity! WA9PWP

Didn't get my 20M rig finished for portable operation, so decided to try milliwattting from home. Had a blast! Highlight was working EA4DBS @ 900mW! AB5UA

Had a great time! Lots of sweating putting up the dipole--was about 96 degrees and 80% humidity--but was close enough to the VFD refrigerator to make it OK! W5FN

I worked 3 contests at the same time: QRP plus AF and WA QSO parties. Kept me busy! K0LWV

Temp at operator position got up to 102 degrees--a little warm, even for Phoenix. Enjoyed contest immensely. W5VBO

\*-----\*

CHESTER S. BOWLES	Education, rehabilitation, housing,	
Vice President	and managed care for children,	
Crotched Mountain Foundation	adolescents and adults with physical	
One Verney Drive	and developmental challenges.	



| Greenfield, NH 03047 | http://www.cmf.org |  
| 603.547.3311 ext. 404 | bowles@cmf.org |  
\*-----\*

-----  
Date: Mon, 27 Oct 1997 17:19:07 -0700  
From: gsurrency@juno.com (Gary L L Surrency)  
To: qrp-l@Lehigh.EDU  
Subject: [29719] FOX  
Message-ID: <19971027.171908.3438.0.gsurrency@juno.com>

Anybody heard N0TFI? Lots of QRO QSO's going on, but no Fox heard.

72,

AB7MY  
Gary Surrency  
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

-----  
Date: Mon, 27 Oct 1997 19:22:54 -0500 (EST)  
From: fmathews@norfolk.infi.net (Frank Matthews)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [29719] Pixie2 Files Sent!  
Message-ID: <v01530528b07aa97e0c19@[208.131.170.155]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

OK Gang,

As of 8:35 pm EST I have sent all the pixie files to those requesting them. Whew....alot of you out there. Now I know how those NorCal guys feel when trying to fill orders.

If you didn't get it or could not use or convert the format in which I sent it...just send a SASE to me for a laser copy!

Frank Matthews  
4260 Meadow Wood Drive  
Chesapeake, VA 23321-4231

NOT THE SIGNATURE ADDRESS>>>>PLEASE!!!!

Frank

Frank Matthews  
Technology Education Department  
Oscar F. Smith High School  
Chesapeake, VA 23320  
fmatthews@norfolk.infi.net  
KC4FKX QRP-L #1079 CQC #434 NorCal #2232 AK/QRP #199  
Grid Square FM16

-----  
Date: Mon, 27 Oct 1997 19:23:51 -0800  
From: David Bixler <qrp@netins.net>  
To: gsurrency@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [29719] Re: FOX  
Message-ID: <34555AC7.216F@netins.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gary L L Surrency wrote:

>  
> Anybody heard N0TFI? Lots of QRO QSO's going on, but no Fox heard.  
>  
Nothing heard here in Missouri. Do we have the right day/time?????

Dave

W0CH

-----  
Date: Mon, 27 Oct 1997 19:31:16 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:gsurrency@juno.com" <gsurrency@juno.com>  
Cc: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [29720] FOX  
Message-ID: <199710271934\_MC2-255A-935@compuserve.com>

MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Gary:

I \*too\* have been listening....from 7034-7045. But no FOX yet. Maybe later, hopefully.

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40  
DXCC 55/42 <>< FOX Total 10/27/97 9 of 9 + 6 of 7 N/T+ FOX.

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Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S  
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom  
SLV/W6MMA G5RV Auttek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Mon, 27 Oct 1997 17:35:14 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [29721] Re: Fox MIA  
Message-ID: <199710280035.RAA02349@usr03.primenet.com>

Howdy Folks,

Dave (W0CH) wrote:

>

> Nothing heard here in Missouri. Do we have the right day/time?????

I agree with you and Gary - not a peep of Foxii here at  
Chez Gervais. Should be an easy path to N0TFI too. I  
figure two possibilities:

1) Unexpected, massive snow dump has taken him off the air.

or

2) He took that bit about adjusting one's UTC clock seriously. ;-)

Will call "CQ SKUNKED HUNTER" after dinner if nothing heard. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It was the monkeys! The monkeys did it!"

-----  
Date: Mon, 27 Oct 1997 00:38:07 -0600  
From: Wayne Alexander <walexander@wwn.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29722] FOX  
Message-ID: <3.0.3.32.19971027003807.006a45f4@pop.wwn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Oh Fox were are thee. We hunters are looking. have not heard the fox yet.

KBØPTE  
Wayne

-----  
Date: Mon, 27 Oct 1997 16:41:56 -0700  
From: "Michael Fletcher" <kl7ixi@mailcity.com>  
To: qrp-1@Lehigh.EDU  
Subject: [29723] Portland/Vancouver area QRPers  
Message-ID: <ANPHGIDEMGMHCAAA@mailcity.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

QST:

Portland, OR/Vancouver, WA area QRPers are invited next Saturday, Nov. 1, 9  
a.m.  
(1600 UTC) to a morning get together at the Carrows Restaurant on 99W, near the  
Ham  
Radio Outlet.

Come for coffee and the great company of fellow QRPers. Bring a QRP-related  
item/rig  
for show and tell. There will be a number of us who have probably not seen it  
before.

I've asked Wes, W7ZOI to bring his famous "Ugly Weekender" to show off.

Look for the table with aluminum cases, at least one motorcycle helmet, and

some  
characters that are just enough off center to be interesting.

72,  
Mike KL7IXI

Get your free and private web-based e-mail from our new partner at <http://www.mailexcite.com>

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Date: Mon, 27 Oct 1997 17:57:08 -0700  
From: gsurrency@juno.com (Gary L L Surrency)  
To: qrp-1@Lehigh.EDU  
Subject: [29724] FOX  
Message-ID: <19971027.175709.3438.1.gsurrency@juno.com>

Please, oh pleeezzze, everybody use UTC and ignore that infernal time change that was foisted upon us. A ham who doesn't use UTC is no ham.

Let's hope that this is not the problem, and that propagation is just the pits.....

Still listening in AZ,

vy 72,

AB7MY  
Gary Surrency  
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

-----  
Date: Mon, 27 Oct 1997 17:13:16 -0800  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [29725] FOX: Heard yet?  
Message-ID: <34553C2C.A4921299@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It's 0112z and I haven't heard hide nor hair. Has anyone heard Jess?

Vic K2VC0

-----  
Date: Mon, 27 Oct 1997 18:18:29 -0700  
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>  
To: rakefet@rakefet.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [29726] Re: FOX: Heard yet?  
Message-ID: <3.0.3.32.19971027181829.00690ef4@dante.nmsu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Vic:

Nothing heard in NM as of 0118z. Came home early today and have been listening carefully. Nada is the key word. Hope he's ok.

Tim K50I  
Las Cruces

At 05:13 PM 10/27/97 -0800, you wrote:  
>It's 0112z and I haven't heard hide nor hair. Has anyone heard Jess?  
>  
>Vic K2VC0  
>  
>

-----  
Date: Mon, 27 Oct 1997 17:20:15 -0800 (PST)  
From: doug hauff <slmachco@fix.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29726] NorCal Paddle Bushings  
Message-ID: <199710280120.RAA29599@fletch.fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The bushings used in the NorCal Paddle are actually "plain bearings", made of oil-impregnated bronze bearing material. They should require no lubrication, but if you really gotta, a very light oil would be appropriate...I think a heavy, low viscosity oil would tend to "gum up the works" and result in sticky paddles...I'll be interested to see the results...72 Doug KE6RIE

-----  
Date: Mon, 27 Oct 1997 20:20:35 -0500 (EST)  
From: Mike Duke <K5xu@cris.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [29727] MFJ 9040 MODS?  
Message-ID: <Pine.SUN.3.96.971027201725.8306B-100000@viking.cris.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

A friend recently acquired this rig. I think it's one of the older ones.

He says that the vfo drifts and chirps, especially around 7040. He would also like to get a little more audio from the speaker.

If you have or know of mods for this radio, please share them so that we can get another happy qrxer on 40 meters.

72/73

Mike

AMATEUR RADIO STATION K 5 X U  
Jackson, Mississippi

-----  
Date: Mon, 27 Oct 1997 17:31:07 -0800  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: tpettibo@nmsu.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [29728] Re: FOX: Heard yet?  
Message-ID: <3455405B.A02F3327@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Timothy J. Pettibone wrote:

>

> Nothing heard in NM as of 0118z. Came home early today and have been  
> listening carefully. Nada is the key word. Hope he's ok.

Well, lots of power outages in CO. It can get pretty cold, too, if the power stays off. I remember burning up furniture once when I lived in a

colder climate!

I'm sure we'll hear about it tomorrow. BTW, I can't get into the fox chat room on his homepage, either.

Vic K2VCO

-----  
Date: Mon, 27 Oct 97 20:33:27 EST  
From: Joel Malman <malman@BBN.COM>  
To: qrp-1@Lehigh.EDU  
Cc: malman@BBN.COM  
Subject: [29728] Re: FOX: Heard yet?  
Message-ID: <199710280133.UAA29164@nss4.cc.Lehigh.EDU>

Group,

> Has anyone heard Jess?

Not up hear either ... but I can hear some nice QSO's (some even QRP) way out to W7, W0 and W5 land.

My guess is that the C0 snow had a negative effect on his antenna.

Remember, there is another FOX tonight: KF4HAW (N/T+) at 0200z, 7115.

Sidenote: got home from work at 2100z and found 15 CW wide open! W6, W7's easily pushing up the S meter to the 9 level! I tried for my last QRP state, KH6 ... no luck. Then checked 17 meters ... lots of DX activity there also. Them spots must have been 'hot' today!

/joel wa1qvm

-----  
Date: Mon, 27 Oct 1997 18:41:56 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [29729] Re: FOX: Heard yet?  
Message-ID: <199710280141.SAA15573@usr04.primenet.com>

Howdy,

Well Folks, it's been 1.5 hours since the Fox was



to make a run through the snowy woods, and not a whiff of him from any Hounds in North America. Guess it's time to take the family out to dinner. If he does make it on tonight, someone please pin him down 'til we get back. :) I'm sure Jess is OK. Them Foxii are wiley ones, and cold snowy wx is just what those CO Foxii like. OTOH, we may have to pitch in and get him a gel-cell for those power outages. ;-)

BTW - Did anyone catch the fun around 0045Z when someone called "FOX?" There was a confused mini-pileup for about 5 minutes 'til folks got it sorted out. Like tossing a mannequin into a feeding frenzy of sharks. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And then you must cut down the mightiest tree in the forest with... A HERRING!"

-----  
Date: Mon, 27 Oct 1997 17:42:11 -0800  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: "Timothy J. Pettibone" <tpettibo@nmsu.edu>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [29730] Re: FOX: Heard yet?  
Message-ID: <345542F3.1C50C7FB@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Timothy J. Pettibone wrote:

>  
> Vic:  
>  
> Yes, I was going to mention that - couldn't get into the chat room on  
> this  
> end either. You may be right, power outages and all.  
>  
> I'm on the road tomorrow and hope to be mobile from Silver City NM for  
> tomorrow's hunt. Maybe Jess will come up at 0000z just before NOUR in  
> MN!  
>

He's here! 7039.14 and loud! Go get him!!!!!!

Vic (at 0140z)

-----  
Date: Mon, 27 Oct 1997 19:44:17 -0600  
From: "Mark A. Andrews" <KE4IOF@HiWAAAY.net>  
To: "QRP-L" <QRP-L@Lehigh.EDU>  
Subject: [29731] WTB: Unassembled St. Louis Tuner  
Message-ID: <199710280144.TAA14097@fly.HiWAAAY.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

If anyone has an unassembled St. Louis Tuner they would like to part with,  
please reply directly with price.

Mark

-----  
Mark A. Andrews, KE4IOF - Amateur Radio Operator  
QRP-L #146 and Libertarian

"Whether You Think You Can Or You Can't,  
You're Right!"

-----  
Date: Mon, 27 Oct 1997 18:48:08 -0600  
From: "Dick Schneider" <rschneid@ix22.ix.netcom.com>  
To: qrp-l@Lehigh.EDU  
Subject: [29732] silent fox?  
Message-ID: <199710280151.TAA00791@dfw-ix2.ix.netcom.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

All of us in Colorado gathered to chase the fox in our own backyard  
but couldn't find him.

72/73 Dick AB0CD..

-----  
Date: Mon, 27 Oct 1997 02:00:07 -0600  
From: Wayne Alexander <walexander@wwn.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29733] FOX (GOT HIM)  
Message-ID: <3.0.3.32.19971027020007.006a51d8@pop.wwn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well I got the furry little critter. This is great,I love CW and QRP.

73  
KB0PTE  
Wayne

-----  
Date: Sat, 25 Oct 1997 17:38:51 -0400  
From: "Thomas J.McCuen" <TMcCuen@compuserve.com>  
To: QRP-L <qrp-1@Lehigh.EDU>  
Subject: [29734] 38 Spec... still going...  
Message-ID: <199710251738\_MC2-2516-662B@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

----- Forwarded Message -----

From: INTERNET:liqrp@waterw.com, INTERNET:liqrp@waterw.com  
TO: LI-QRP, INTERNET:liqrp@waterw.com  
DATE: 10/25/97 4:23 PM

RE: 38 Spec... still going...

Sender: owner-liqrp@waterw.com  
Received: from water.waterw.com (water.waterw.com [199.171.193.1])  
by arl-img-4.compuserve.com (8.8.6/8.8.6/2.7) with ESMTP id QAA02567  
for <TMcCuen@compuserve.com>; Sat, 25 Oct 1997 16:23:23 -0400 (EDT)  
Received: (from majordom@localhost)  
by water.waterw.com (8.8.5/8.8.5) id QAA28890  
for liqrp-list; Sat, 25 Oct 1997 16:10:02 -0400 (EDT)  
X-Authentication-Warning: water.waterw.com: majordom set sender to owner=  
liqrp@waterw.com using -f  
Received: from dub-img-6.compuserve.com (dub-img-6.compuserve.com [149.17=



-----  
Date: Mon, 27 Oct 1997 19:23:24 +0000  
From: Roger Hightower <n7kt@dancris.com>  
To: rakefet@rakefet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [29735] Re: FOX: Heard yet?  
Message-ID: <3454EA2C.BB2B1CF7@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Got him at 0210Z nr 7042....\_big\_ pileup chasing him.

--  
72/73, de Roger, N7KT  
AK-QRP 167, ARCI 8946, CQC 176, GQRP 9081, NE-QRP 383, NORCAL 1099,  
QRP-L 62

-----  
Date: Mon, 27 Oct 1997 20:31:30  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@Lehigh.EDU  
Subject: [29736] More on shielded loops  
Message-ID: <3.0.1.16.19971027203130.2e9f4bbc@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Howdy all,

After playing with my new loop for a few days, I'm impressed. This thing really pulls in the stations. A good 2-3 S units over the outdoor antenna. (Your mileage may vary, my outdoor antenna isn't all that good and the active matching circuit now has some gain). It's not as directional as the literature says it should be, but that might be the environment it's in, or the way it's built.

By adding more capacitance, I was able to tune the loop down to 80 and 160 with good results. (~1300 pfd for 160!) A 9 ft loop of coax is a little short for those bands, but does work. Guess we would have to do some A-B tests with a larger one to see if there is much difference. (Ideally you want about 0.06 wave lengths for the band it's optimum for, thanks go to AA3MD for that tip-bit) If you have space restrictions like I do, it's

possible to make a pretty good Tx antenna that isn't such a good Rx antenna, so this might be worth a try. Especially if you want to hear 80 or 160.

Except for some occasional power line noise, this QTH is pretty quiet, so can't tell how much a noise improvement it gives, but testimonials from others says it does kick it down a lot. All I know is it does hear my fluorescent lights pretty well. (but thier only a few feet away)

Looks like it will be well worth the effort to bring my Rx input out to a seperate jack so I don't have to fuss with some kind of T/R switching. That's the only draw back, too bad it can't be used to transmit.

I can't send any drawings over the web, but if anyone would like to know how I built this and a schematic / pc board layout for the active matching circuit, if you send a SASE to my call book address, I'd be happy to send a copy. It's real easy to make and costs well less than 20 bucks, even if you buy all new parts. (sorry kids, no kits, but maybe..)

You can also see a very similer design at Greg's, NS80, web page at

<http://ouvaxa.cats.ohiou.edu/~weinfurner/160RL.jpg>

(hope you don't mind my saying that Greg..)

Now we just have to get around to putting up the "plummers delight" loop for 20-10 and we will be looping all over :-)

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----

Date: Mon, 27 Oct 1997 19:44:33 -0700  
From: Jess Gypin <jessqrp@concentric.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29736] FOX FOX FOX  
Message-ID: <34555191.167F@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am CQing my brains out with no takers at 7041 0243 and plan on going until 0330. I guess my time screw up due to a family emergency has everybody asleep, or something, oh well.....;-(

--

Jess N0TFI <><  
<http://www.concentric.net/~jessqrp>  
qrp-1 #1232 CQC #92 1997 Fox

-----

Date: Mon, 27 Oct 1997 19:50:24 -0700  
From: Jess Gypin <jessqrp@concentric.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29737] FOX FOX FOX  
Message-ID: <345552F0.822@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I had a family emergency tonight and I am not sure that my message got out from before. I am still going at 7041 at 0248 with no takers. I plan on going until 0330 to get my two hours in. I am really sorry about the time screw up but cannot change life. Will keep at it until 0330 but I have been cqing now for 10 minutes not takers at all.....:-(

--

Jess N0TFI <><  
<http://www.concentric.net/~jessqrp>  
qrp-1 #1232 CQC #92 1997 Fox

-----

Date: Mon, 27 Oct 1997 19:59:06 -0700  
From: Jess Gypin <jessqrp@concentric.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29738] FOX FOX FOX FOX FOX FOX NOW!  
Message-ID: <345554FA.3072@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Now at 0257

had a family emergency but will be on the air tonight with a slight change. I will operate from 01:30 tp 03:30. I am really sorry for the late notice but it could not be helped! I will hang in there for all that wnat to listen!!!!!!!!!!

Again I will be QRV from 01:30 until 03:30

CIAO!!!!!!!!!!

And no answers for the last 15 minutes to my CQ. I am really sad and I screwed up, but family has to come first :-(

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp>

qrp-l #1232 CQC #92 1997 Fox

-----

Date: Mon, 27 Oct 1997 19:42:36 -0700

From: gsurrency@juno.com (Gary L L Surrency)

To: qrp-l@Lehigh.EDU

Subject: [29739] FOX

Message-ID: <19971027.195409.3438.4.gsurrency@juno.com>

Just worked Jess on 7041.9 @ 0218! Conditions are deteriorating.

Did anybody else hear the loud CW signal around 7041 that had \*two\* tones?

Sounded weird, like he had an extra sideband or second frequency. Think his call was K7DBN or something like that. He went QRT before I could write it down.

Bad night for FOXin'. ---good luck---

72,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

-----

Date: Mon, 27 Oct 1997 19:42:20 -0700

From: gsurrency@juno.com (Gary L L Surrency)

To: qrp-l@Lehigh.EDU

Subject: [29740] Re: FOX

Message-ID: <19971027.195409.3438.3.gsurrency@juno.com>

On Mon, 27 Oct 1997 17:04:47 -0800 (PST) Monte Stark <ku7y@sage.dri.edu> writes:

>Hi Gary,

>

>I don't want to use UTC. Can I use GMT instead?

>



Yeah, sure. That's what it was called when I was a Novice back in 1968.  
Of course, Zulu always sounded kinda cool to me too. ;-)

Ah heck. Why does somebody always wanna go and change something just when  
I get used to it, anyway? :-)

Maybe we should ask Nils what he thinks. <8\*}

Happy Halloween! {:-[

72,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

-----  
Date: Mon, 27 Oct 1997 19:54:08 -0700  
From: gsurrency@juno.com (Gary L L Surrency)  
To: qrp-l@Lehigh.EDU  
Subject: [29741] FOX conditions  
Message-ID: <19971027.195409.3438.6.gsurrency@juno.com>

Gang,

The atmospherics here have really gotten bad. In fact, it really bites. I  
hope some of you got a chance at Jess before the noise came up. I got  
lucky and found him just in time. Right now, I don't think a kilowatt and  
a rhombic would help.

The solar report from WWV just now was flux of 80, A index of 15, and  
est. K index of 2. Conditons for last 24 hours were queit to minor storm.  
Forecast for next 24 hours was quiet to unsettled. I could barely hear  
WWV in Ft. Collins, and you \*know\* what state they are in, and what kind  
of antennas and power they run.....

72,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

-----

Date: Mon, 27 Oct 1997 22:16:14 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: David Lauten KF4HAW <dhlauten@juno.com>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [29742] Thanks for N/T+ FOX tonite!  
Message-ID: <199710272220\_MC2-2560-D0DA@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

David:

Well it took some time, but we finally made it! Thanks for hanging in there to complete our FOX hunt. :-)

It was a pleasure to work you. You were doing a great job, and I really appreciated your good CW and FOX procedure. Keep up the good work!

I logged you at RST 569 right at 0233UTC. Thanks for your 559.

Your vertical with 24 radials and HW-9 were getting the job done FB. My setup during our QSO was the TenTec OMNI V at 5 watts out into a TNT/2 Windom at 27' high. Tried the GAP Titan DX earlier, but the TNT/2 was about 1.5 S-units stronger for your path and conditions tonight.

David, thanks again for a great hunt. Hand in there, guy. I wish you the best of success. Will be looking for your log.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40  
DXCC 55/42 <>< FOX Total 10/28/97 10 of 10 + 7 of 8 N/T+ FOX.

-----  
Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S  
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom  
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Mon, 27 Oct 1997 22:16:08 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: Jess N0FTI <jessqrp@concentric.net>, "W.D. (Doc) Lindsey/K0EVZ"

<70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [29743] Thanks for FOX tonight!  
Message-ID: <199710272220\_MC2-2560-D0D9@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Jess:

Man were you ever BOOMING in here tonight during our FOX QSO at 0148.  
Wow! Thanks for coming back. :-)

Wish conditions were always this good. Tomorrow's FOXhunt will likely  
be impossible. I am Rochester, MN, and Jim N0UR is in Minneapolis,  
only about 85 miles north. Oh well. But maybe. Fingers crossed <VBG>.

Setup was TenTec Omni V at only 2 watts tonight. Was trying out the new  
GAP Titan DX. Just completed it just last Saturday. Tuner = Emtech  
ZM-1. This was first FOX with the GAP. Still keeping the TNT/2  
available for other conditions.

Anyway, thanks for a super FOXhunt. Sounded like you had a huge pileup  
of guys, yelping after you! Will be interested in seeing your log. Good  
luck and thanks for being our FOX tonight.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40  
DXCC 55/42 <>< FOX Total 10/28/97 10 of 10 + 7 of 8 N/T+ FOX.

-----  
Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S  
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom  
SLV/W6MMA G5RV Auttek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Mon, 27 Oct 1997 22:32:21 -0800  
From: David Bixler <qrp@netins.net>  
To: qrp-l@Lehigh.EDU  
Subject: [29744] Re: FOX FOX FOX FOX FOX FOX NOW!  
Message-ID: <345586F5.7D41@netins.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jess Gypin wrote:

>

> Again I will be QRV from 01:30 until 03:30

>

Hello Jess:

Glad to hear you on the air. We were beginning to worry about you. Hope your emergency wasn't all that severe. The family comes first.

Thanks for taking the time to come up and play snowfox tonight. Conditions weren't real good tonight, but managed to hear you solid.

Used a new 300-something foot longwire to work you. Wire runs east-west and must have the classic few-degrees-off-the-end pattern which must point to Colorado. Signals off the old reliable Zepp were weaker and had more fading.

72

Dave Bixler W0CH  
Seneca, MO QRP-L 618

-----  
Date: Mon, 27 Oct 1997 19:32:20 -0800  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
To: qrp-l@Lehigh.EDU  
Subject: [29745] Fox..... What big ears you have!  
Message-ID: <34555CC4.2303@vdbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jess,

I want to say WOW!!!. Thanks for sticking it out and finishing our QSO. The QRN here was so loud I could barely hear Jess. I know he was having a hard time hearing me too. But we pulled it off at 03:20 UTC.

What fun!

--

73 de Jeff AC6KW

grudin@vdbbs.com

---

QRP-L #16 Private Practice : Companion Animals and  
Exotics  
Norcal QRP #1292 Ocean Animal Clinic / Cat Clinic of Santa  
Cruz  
Santa Cruz,  
California

QRP'ers do it with less energy (but lot's of enthusiasm)!

---

-----

Date: Mon, 27 Oct 1997 22:35:53 EST  
From: kb0rol@juno.com (Bradley L Mugleston)  
To: qrp-l@Lehigh.EDU  
Subject: [29746] Fox - Suggestions  
Message-ID: <19971027.202105.6815.0.kb0rol@juno.com>

Hounds,

I was just listening to the N/T hunt (Dave from SC). I could almost hear Dave but I could hear a lot of hounds - It must have driven Dave nuts if he could hear what I heard.

As a retired N/T Fox I would like to give some suggestions. Most of the Foxes are not experienced contest workers and most have never been at the bottom of a pile up before so think about what it must be like before you send your call.

Tonight there were people sending Daves call two or three times then "DE" their call two or three times and a "KN". What did Dave hear - a lot. I heard the usual late calls after the QSO was started (lots of Non N/T calls doing that), guys its hard enough working QRP for the first time don't make matters worse.

I'd like to suggest that every one limit their calls to TWO per try unless asked for a repeat by the FOX. Just because some one else sent their call after yours doesn't mean you need to throw in another. You decide on the timing and the spacing between the two but only send it twice.

One other thing - try to match the FOXes speed. He is operating at his highest speed and maximum stress level. He doesn't know your call so SLOW DOWN. If your running on a memory keyer - turn it off and send by

hand. If your bencher won't go 5 wpm use your straight key. These N/T's have enough problems to over come and are working hard - you can at least put forth some effort to make it easier for them to understand you.

OK, I'm done. I had to vent my frustrations, I don't have SC QRP X QRP and just as the band's were betting better some on blew my ears off (they still hurt) and I cranked up to 20 W and told him where to go. Well I sent QSY QRL and he came back and asked where he should go to - I couldn't believe it, I didn't care where he went just go so I sent him 10 up and he replied he would and left but then I couldn't hear a thing so I came up to vent.

Thanks

de KB0ROL, Brad

-----  
Date: Mon, 27 Oct 1997 19:41:24 -0800 (PST)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [29747] Re: FOX FOX FOX  
Message-ID: <Pine.SUN.3.90.971027193703.23211A-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good show Jess,

If you had been on time I would have missed you!!! I got home, kissed Carol as I was heading to the shack...gotta see if the Fox has been seen....she just smiled that knowing smile!!

Bingo, there was Jess, 599! Some QSB but he would push the meter just over S9 on peaks.

Set the power to 90 mW and thought I'd give it a try.....heard Stan, N6XU nab him. No pile up.....OK here goes....he came back to KX? No sounds from anyone else so I sent my call again and bingo! I'm in the log! Wheeeeeeee That's 2 states now with less than 100 mW!!!

Good job Jess and thanks for taking care of the family first. I do hope all is well.

cul,

73, Ron,       SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Mon, 27 Oct 97 20:54:44 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [29748] NOTFI In NM, Calls Heard  
Message-ID: <199710280356.VAA23469@endeavor.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

I guess I have an old Fox schedule, mine said Jess would be on from 0000Z to 0200Z. I had a sked with my dad at 0000Z so I didn't start listening for Jess until 0045 or so. I found him shortly after 0130, and worked him shortly thereafter. At least I think I worked him. I got fancy, confused Jess, myself or both. After the pile up he came back with what I copied as KK6M/5 (no C!) I came back with my correct call and gave the exchange figuring to save some time. Jess came back with KK6M/5 again, and QSL, 73s ! without sending me his exchange, although I had gotten it several times before that. I guess I threw Jess out of his rythmn. Sorry about that Jess. One needs to stick with the standard practice. If I don't get credit for the contact I understand Chuck.

I have gotten positive response from my calls heard so I guess I will continue. It is a sparse list tonight. Jess faded out the last half hour or so, and I went to supper in the middle as my mother is visiting. At any rate calls heard tonight; N5LU, K50I ( you were weak here Tim, but still Q5), W03B, AB5UA, K0EVZ, AA6R, K8CV, NQ7X, NU7Y, N4ROA, N6XU (in QSO, I assume he got the Fox), AA0B, K5UP, and KB0PTE. I hope I can have a longer list tomorrow night. See you then. - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65  
30 Casa Loma Road  
Cedar Crest NM 87008

-----  
Date: Mon, 27 Oct 1997 23:00:32 -0500  
From: "Bob Kellogg" <ae4ic@nr.infi.net>  
To: <boles@cmf.org>

Cc: "qrpforum" <qrp-1@Lehigh.EDU>, "John Paul Keon" <jpkeon@bellsouth.net>, "Paul Stroud" <aa4xx@amsat.org>  
Subject: [29749] QRP to the Field - results  
Message-ID: <199710280405.XAA12686@mailhost.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Chet,

Thanks for running another fine contest!

Apparantly I failed to mention that there were two others with me, using my call, AE4IC, this year. They are Paul Stroud, AA4XX and John Paul Keon, AB4PP. Hopefully you can add their names before I get killed and/or before the list is officially published somewhere else.

Thanks.

CUL,  
Bob Kellogg, AE4IC, Greensboro, NC  
Prolably, but not nececelery. -- Benny Hill

-----  
Date: Mon, 27 Oct 1997 23:14:53 -0500 (EST)  
From: elly@epix.net  
To: qrp-1@Lehigh.EDU  
Subject: [29750] N/T Fox  
Message-ID: <Pine.SOL.3.94.971027230530.28868A-1000000@plum.epix.net>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Heard KF4HAW Dave on 7112 a 4-4 in Pocono Lake, Pa. he qsy'd to 7111, then I lost him. Found him about 7121 calling CQ. Gave him 3 calls no answer. Also heard a VE3 and a KF2 calling him.  
Also didn't hear N0UR. My first try at chasing any Fox. Maybe next week.  
Hank K3PM

-----  
Date: Mon, 27 Oct 1997 21:25:12 -0700  
From: Jess Gypin <jessqrp@concentric.net>



To: qrp-1@Lehigh.EDU  
Subject: [29751] The FOX was skunked. Family first, a ham is balanced (I think)  
Message-ID: <34556928.4FC8@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi all,

Up front let me offer my sincere apologies. I won't go into the details but both of my sons are "challenged" in several ways and I think some of you know what that is like. I knew that my turn in the bucket was tonight but had a family emergency come up and I just didn't make the gate on time. I think that some of you know that Denver got clobbered with snow and my antennas did survive. I had to wade in waist deep (no kidding!) snow to beat the ice off of the delta loop and Gap!

I tried to get a message out on the list at 0145 but again a glitch. The message came back with a garbage address of 559@lehigh.edu. I checked my message log (I keep copies of EVERYTHING!) and it was right when it left my system, oh well, just call me murphy. You should have seen the scramble here. I tried to get the memory keyer programmed at 01:25 and the batteries were dead. I got them in and then the wiring harness for the paddles broke (can you tell that I am nervous as you know what! at this point!) !@#%&\*((&^\$%^&\*() keyer! Put new batteries in (N cells, how many of you keep those in your junk drawer?) and get it programmed. Called QRL and got the first QSO and then called QRZ Fox and the sky fell in! I really tried to sort out the calls and there were a few times that I got partials and then they would not answer! Then there were others that just kept on calling and calling even when I was calling them! I tried calling QRZ east coast only for a few minutes and that was a bust. Sigs were so weak I could not EVEN hear them with ESP! Thanks for trying guys, but the band was not there. There were a lot of LOUD sigs and I tried using the rit a bit to separate out the calls, but truth of the matter is guys that the loudest signal wins, or the perfectly timed signal wins. There were several times that the pile up just died and ZAP a laser shot call worked! At other times I would not answer for a few seconds to let the pile up die down and then there would be one or two that would stand out.

I did get a few slightly off of zero beat. Now a trick revealed. If you call the Fox, call a few hertz BELOW him. There were several times that all of you were zero beat and sounded the same, but the LOW guy stood out like black cat in a snow storm! (AB7MY are you smiling?)

Anyway, the Delta loop was my only saving grace. I think that there was a nuclear strike somewhere in the world at about 0215. The band went DEAD! My run rate was about 60-80 before that and then SPLAT. I called and called and called CQ on 7041 thinking that it was close enough to

7040 that I might get lucky and catch a few stragglers.  
Here is the log, for what it is. 39 qso's and very few east of the big  
Muddy.

Sorry again, and thanks to all of those that stuck with me!

Best

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp>

qrp-l #1232 CQC #92 1997 Fox

\*\*\*\*\*

N0TFI QRP-L Fox Hunt 01:30-03:30 UTC OCT 28th

0136 W7SSM 55N CA John 1048  
0137 K5ON 5NN Name? 770  
0139 N5JI 55n TX Dick 1054  
0140 K2VCO 569 CA Vic 725  
0142 K1MG 579 CA Mike 614  
0143 N5LU 559 OK Bill 5W  
0144 KK6M/5 56N MO Jim 411  
0145 K5LE 559 CA Jim 524  
0147 K5OI 559 NM Tim 73  
0148 W03B Bob State? NR 195  
0149 K0EVZ 559 MN Doc 861  
0151 K8CV 559 MI Walt 925  
0152 AB5UA 5NN MO Cliff 478  
0154 NQ7X 559 NV Floyd 443  
0156 N(w?)5TFB 5NN TX Jack 282  
0157 W6SV 559 CA John 48  
0200 K6VNX 57N CA Arlen 5W  
0201 KB0PTE 55N WA Wayne 1058  
0202 K06KA 55N CA Rob 176  
0203 AB7TK 56N ID Randy 102  
0206 KA8MKS 55N QRM took out rest sri!  
0209 VE5RC 559 SK 776  
0211 KA5T 44N TX Larry 89  
0212 N7KT 58N AZ Roger 626  
And then the nuclear strike.....  
0212 W6W 55N CA ??? 1068  
0215 W0CH 55N MO Dave 618  
0216 WS6NS?? TX Henry 178  
0220 AB7MY %nn AZ Gary 571  
0223 N6XU 55n CA Stan 66  
0225 KA8OKH 55n KY Rich 925 (This was a TUFF one!)  
0226 KU7Y 599+++++++ NV Monty NV 18 ;-)  
0240 N4ROA?? Dan 970

0241 VE3ELA 329 (no kidding!) ONT ??? 124???  
0256 K5UP 559 OK Glen 211?  
0311 WA5yfy 549 OK Dub 159  
0316 Wa6EWI???  
0320 AC6KW 549 CA Jeff 1292 Thanks for hanging in on that one!

-----  
Date: Mon, 27 Oct 1997 23:23:31 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:gsurrency@juno.com" <gsurrency@juno.com>, QRP-L Discussion Group  
<QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [29752] FOX  
Message-ID: <199710272325\_MC2-255E-8B39@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Gary:

Well I managed to nab him at 0148. He gave me a 559 to his 579. I had felt that surely condx would be good here.

Had worked W0DP in Ft. Collins, CO, only about 8 minutes before the scheduled start of the hunt. When he gave me 20 over 599 (I was running 2 watts out!), knew it should be a good night from here. Turned out to be the case. Whew! :-)

Now condx for the N/T+ FOX were really rough here. Finally snagged him...but it was tough. He has \*great\* ears!

The Achilles' heel of our system is that if the FOX suddenly can't go on the air....and \*also\* can't post anything to the list--we are all wondering what has happened. I really appreciate the fact that Jess did all he could under the circumstances. Class act, for sure.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40  
DXCC 55/42 <>< FOX Total 10/28/97 10 of 10 + 7 of 8 N/T+ FOX.

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Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S  
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom  
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Mon, 27 Oct 1997 23:23:26 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:jessqrp@concentric.net" <jessqrp@concentric.net>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>,  
QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [29753] FOX FOX FOX  
Message-ID: <199710272325\_MC2-255E-8B38@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Jess:

Well sorry for your difficulties. I trust that things are under control by now. No doubt many of us attributed your late start to weather problems, which would be reasonable given the national stories!

Glad you were finally able to get up and running after all. Thanks for doing all you could to notify everyone of the necessary changes. Don't know how you could have anything better or different under the circumstances. Thanks, OM.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40  
DXCC 55/42 <>< FOX Total 10/28/97 10 of 10 + 7 of 8 N/T+ FOX.

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Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S  
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom  
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Mon, 27 Oct 1997 23:23:36 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:gsurrency@juno.com" <gsurrency@juno.com>, "W.D. (Doc) Lindsey/K0EVZ"

<70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [29754] FOX  
Message-ID: <199710272325\_MC2-255E-8B3A@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Gary:

>> Did anybody else hear the loud CW signal around 7041 that had \*two\* tones? Sounded weird, like he had an extra sideband or second frequency. Think his call was K7DBN or something like that. He went QRT before I could write it down. <<

Don't remember that \*particular\* episode. But I must be losing it--because I thought I heard a KH6 something or other calling "Test" near 7037 +/- 15 minutes before 0000Z. It was so eerie that maybe it didn't happen. 8^()

Tried to get my wits together long enough to call him back. Couldn't do it! Was totally derailed--too big a paradigm shift, maybe. Believe I heard several guys trying to QRZ him. Did anyone QSO with him?!

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40  
DXCC 55/42 <>< FOX Total 10/28/97 10 of 10 + 7 of 8 N/T+ FOX.

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Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S  
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom  
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Mon, 27 Oct 1997 20:34:49 -0800 (PST)  
From: doug hauff <slmachco@fix.net>  
To: qrp-l@Lehigh.EDU  
Subject: [29755] Re: NorCal Paddle Bushings  
Message-ID: <199710280434.UAA28804@fletch.fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Open mouth, insert foot...what I MEANT to say was "...heavy, high viscosity

oils..."

Doug KE6RIE

-----  
Date: Mon, 27 Oct 1997 21:46:27 -0700  
From: Jess Gypin <jessqrp@concentric.net>  
To: qrp-l@Lehigh.EDU  
Subject: [29756] Fox Radio Used  
Message-ID: <34556E23.B7F@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Forgot to mention that the rig I used was the TS140 at 5 watts. Antenna was the Delta Loop. Full wave on 40 meters at about 35 feet apex up fed with twin lead...

Jess NOTFI <><

<http://www.concentric.net/~jessqrp>

qrp-l #1232 CQC #92 1997 Fox

-----  
Date: Mon, 27 Oct 1997 23:41:09 -0500  
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>  
To: "INTERNET:jamesd1@flash.net" <jamesd1@flash.net>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@CompuServe.COM>  
Subject: [29757] NOTFI In NM, Calls Heard  
Message-ID: <199710272343\_MC2-2560-AB97@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Jim:

Thanks very much for faithfully posting this listing. I find it useful and look for it. Please keep it coming.

So I made it \*tonight\*...but tomorrow will most likely be a very different story. Jim N0UR is only about 85 miles north of here. To work him would be something of a genuine miracle.

Am thinking about trying a NVIS dipole at 6 feet or so off the ground. The theory is that this will force the signal to go practically

straight up. Maybe it could work?! Anyway if I snag this particular FOX it will really be something. Might even yell "Yahoo".

Good luck to one and all for a successful hunt tomorrow evening. And a special good luck wish to Jim....a fellow member of our brand new MN/QRP Club. Go for it, Jim!

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40  
DXCC 55/42 <>< FOX Total 10/28/97 10 of 10 + 7 of 8 N/T+ FOX.

-----  
Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S  
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom  
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Fri, 24 Oct 1997 21:00:38 -0400  
From: "George F. Allgood" <k4pym@carol.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [29758] FOX  
Message-ID: <199710280508.AAA27843@carol.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi girls!

It just proves the old adage.....even a blind sow can find an acorn every now and then.

I caught up with KF4HAW tonight at 0322. He was calling CQ FOX but heard no takers. Band conditions being as they are, I was amazed amused and amock!

That takes care of the tiger's problem, now where's that woman with the bad tooth?

72

George Allgood, K4PYM  
Walhalla, SC

-----  
Date: Mon, 27 Oct 1997 22:34:32 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [29759] FOX: Idea for Late Foxii...  
Message-ID: <199710280534.WAA05723@usr01.primenet.com>

Howdy Folks,

Glad Jess got on the air and was able to work some hunters! 'Course you'll notice how my luck went - within minutes of Clan Gervais loading up the minivan and heading for dinner, the Elusive Furry One poked his head out. :)

One friendly suggestion? Perhaps if a Fox misses their original timeslot by some reasonable amount (say one hour), they might want to consider just rescheduling their night? No flame intended or implied. As was said, family first. But it would work out in the Fox's favor to just start from scratch on a newly announced night.

That way they'd have a good chance at staying busy with Fox exchanges instead of calling "CQ FOX" on a lonely band that could be filled with yipping Hounds. Nothing worse than "dead" time on the radio when you could be playing with the kidlettes/spouse instead.

Congrats to everyone! And glad you came on the air, Jess. I was about to have some of my friends in the Civil Air Patrol launch a search and rescue operation. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

-----  
Date: Tue, 28 Oct 1997 00:39:04 -0500  
From: "Daniel L. Evans" <dlevans@hsonline.net>  
To: QRP-1@Lehigh.EDU  
Subject: [29760] 10 is open!  
Message-ID: <3.0.1.16.19971028003904.2d0f4804@mail.hsonline.net>



Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Just worked K1TH, from my mobile on the way home from work.-about 05:00 Z.  
10/28

I love 10 meters! hardly open at all today, but then open at midnight!

72/73 de Dan, N9RLA.....EM78  
Dan L. Evans [N9RLA]  
dlevans@hsonline.net

-----  
Date: Sun, 26 Oct 1997 09:31:36 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:ki7mn@dancris.com" <ki7mn@dancris.com>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [29761] N7VE Visual SWR Indicator  
Message-ID: <199710260933\_MC2-2531-2C92@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Bob:

Gotta tell ya, this is one fantastic piece of QRP gear. I use it with the Emtech ZM-1. Perfect, lightweight, portable companions for my Sierra, Whiterook paddles and W3EDP 84' LW antenna. Even snagged a FOX in a pinch. Highly recommended!

72/73,  
--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40  
DXCC 55/42 <>< FOX Total 10/23/97 9 of 9 + 5 of 6 N/T+ FOX.

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Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S  
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom  
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Tue, 28 Oct 1997 01:00:44 -0500  
From: "Daniel L. Evans" <dlevans@hsonline.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29762] Re: Smoked 'Diller Blues  
Message-ID: <3.0.1.16.19971028010044.2d0f1d3e@mail.hsonline.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:30 PM 10/27/97 -0700, you wrote:

> And I walk away with  
>a precious 8 Q's in 16 minutes, 2 of 'em Texans.

>  
>Cheers de AB7TT,  
>

Look at it this way, You probably had the best rate of anyone who worked  
the 'test!!

Great story!

72/72 de Dan, N9RLA.....EM78  
Dan L. Evans [N9RLA]  
dlevans@hsonline.net

-----  
Date: Tue, 28 Oct 1997 01:25:11 -0500 (EST)  
From: Scott Bauer <ke3nv@erols.com>  
To: dlevans@hsonline.net, qrp-1@Lehigh.EDU  
Subject: [29763] Re: 10 is open!  
Message-ID: <199710280625.BAA08243@smtp2.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dan,

You are right!! At 0620z, I copy VE1CBZ/B, K8LKC/B and WJ9Z/B  
from MD!! Boy is the new solar cycle going to be fun!!

Scott W3CV

At 12:39 AM 10/28/97 -0500, you wrote:

>Just worked K1TH, from my mobile on the way home from work.-about 05:00 Z.  
>10/28

>

>  
>I love 10 meters! hardly open at all today, but then open at midnight!  
>  
>72/73 de Dan, N9RLA.....EM78  
>Dan L. Evans [N9RLA]  
>dlevans@hsonline.net  
>  
>  
>  
>  
>

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV  
Founder and trustee of W3DV, Woodwardville ARC, "the WARC"  
A local club for the QRP enthusiast

visit my web page at <http://www.erols.com/ke3nv/>  
G-QRP 8773                      QRP-L 728  
NORCAL 1094                    DL-QRP-AG \*GM\*  
CQC 352                        QRP ARCI-8804  
scQRPion 38                    AR-QRP 27  
                                WARC QRP Club  
                                CW OPERATORS QRP CLUB 484, FISTS, ARRL

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Date: Mon, 27 Oct 1997 22:30:23 -0800  
From: "D.K. Philbin" <dphilbin@slonet.org>  
To: qrp-l@Lehigh.EDU  
Subject: [29764] Help with Centennial  
Message-ID: <1.5.4.32.19971028063023.006c0b8c@slonet.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dear Resident Wizards of the Ether,

I am building Dan's Centennial 80 Meter SSB kit and my simple mind is confused.

First;

On page 13 of the manual it states to "install leads for MIC, audio gain, Tune pot, 12V power and 12V on transmit". Here is my question: Where does the wire that goes into the 12V on transmit hole on the board go???

Looking at the schematic it appears to my weary aging eyes that this "12V on transmit" should be supplied by the relay..but I fail to see a trace on the board...HELP!!!

Point #2;

In my manual, the two 820pf caps in the output filter are not mentioned in the insertion of parts phase...they are mentioned in the parts list.. just failed to mention that they need to be installed in the board...a must do to keep the FCC happy!

Has anyone built the microphones in either Fig1 or Fig2 using the Radio Shack condenser mic (RS 270-0928)? If so, does it work well??

Thanks,

D.K. Philbin KD6TK/OZ2DKP (If Doug can use his UK call I will use my Danish Call!

-----  
Date: Tue, 28 Oct 1997 08:54:02 +0100  
From: frasche@torino.ALPcom.it (franco schellenbaum)  
To: QRP-L@Lehigh.EDU  
Subject: [29765] Re: CW/SSB ratio=18dB. How?....  
Message-ID: <v01510101b067f0379724@[194.116.2.57]>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"

>Date: Sat, 11 Oct 1997 08:38:09 -0700  
>From: Vic Rosenthal <rakefet@rakefet.com>  
>Subject: Re: CW/SSB ratio=18dB. How?....  
>Here's the (informal) reasoning. You can copy a CW transmission using a  
>receiver bandwidth about 22 times smaller than that required for an SSB  
>signal (80 Hz vs 1800 Hz). Assuming that the noise which comes along  
>with the signal is proportional to the bandwidth, you get a  
>signal-to-noise ratio about 22 times better, which is (I think) 13 db.  
>Hmmm, I don't know where 18 came from, but 13 is pretty good.

Throw-in an some extra dB's since CW requires much lower S/N than SSB!  
How much?: it depends on ear-brain system! (brain should not be ssb-oriented)  
Long lives CW!  
73's IZ1BDL Franco

-----  
Date: Tue, 28 Oct 1997 01:08:54 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@Lehigh.EDU, cqclist@lists.csn.net

Subject: [29766] HK708 Keys Are In!  
Message-ID: <199710280709.AAA27166@bobcat.sni.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Finally. The package from J-land arrived today, and all the back-ordered keys are packed up and ready to go the PO first thing in the morning. Thanks for your patience, guys. They did get hit with customs duty, so that's probably where the holdup was.

If you are interested in a good, well-engineered straight key that will last a lifetime, check it out at  
<http://www.mtechnologies.com/mthome>  
or email me for more info.

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@mtechnologies.com  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com/mthome>  
(303)752-3382  
--

-----  
Date: 28 Oct 1997 08:24:48 +0000  
From: Dave.Ackrill@LotusXchgPG.powergen.co.uk  
To: qrp-l@Lehigh.EDU  
Subject: [29767] 6M Propagation  
Message-ID: <971028082448Z\*/G=Dave/S=Ackrill/O=LotusXchgPG/PRMD=POWERGEN/ADMD=CWMAIL/C=GB/@MHS>

As well as all of the "quiet sun" modes, don't forget that in a few years time there will be 'F' Layer modes about which don't rely on time of year (like Sporadic-E) nor need the out put from the Sun to link into the magnetic field (like Aurora).

DX is possible with QRP levels using Es Aurora propagation modes, and should be possible with F layer propagation in a few years.

There have even been experiments at 6M moonbounce, not QRP though!

Regards - Dave (G0DJA)

-----  
Date: Tue, 28 Oct 1997 04:53:18 -0500 (EST)  
From: n4js@amsat.org  
To: jessqrp@concentric.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [29768] RE: FOX FOX FOX  
Message-ID: <XFMail.971028045611.n4js@amsat.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

On 28-Oct-97 Jess Gypin typed:

>I am CQing my brains out with no takers at 7041 0243 and plan on going  
>until 0330. I guess my time screw up due to a family emergency has  
>everybody asleep, or something, oh well.....;-(  
>--

Well, I listened from 0000-0100z, Heard nothing. Finally at 0145, I heard you  
from 559 to 579. Unfortunately, the "C" beacon was 599+ exactly on top. Even  
the narrowest SCAF setting didn't help. I still tried, but went QRT at 0200 as  
I thought the time was up then.

Rats!

Sent at 04:56:10 on 28-Oct-97

John L. Sielke	n4js@amsat.org	n4js@pobox.com
n4js@qsl.net	NJ Grid:FM29LN	
<a href="http://www.qsl.net/n4js">http://www.qsl.net/n4js</a>		
NJ-QRP	#57	QRP-L #884
QRP-ARCI	CQC #443	CQrp #50 AKQrp ARQrp
NE-QRP	#507	G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

-----  
Date: Tue, 28 Oct 1997 10:30:53 GMT  
From: Rogerio Gonzaga <gonzaga@med.up.pt> (by way of mhc@esoterica.pt (Helena &  
Rogerio Gonzaga) by way of Rogerio Gonzaga <gonzaga@med.up.pt>)  
To: qrp-l@Lehigh.EDU  
Subject: [29769] Re: QRP Bicycling  
Message-ID: <199710281030.KAA28460@mail.med.up.pt>

Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi, Gang,

Last week I had no time to post my commies abt QRP byking, so let's try to  
=20  
ressurrect the theme.

I have tried the ham byking with my old heavy bycicle and could get some  
=20  
results, even during the period of low propagation. My experience is small,  
=20  
but I would be very glad to share it with anyone iinterested.

Working conditions:=20

1 - The byke: yes, I think it is important, because its body will be the  
=20  
only "ground" to act as a counterpoise to the antenna. Mine is heavy and  
=20  
iron made, I think it is a good option as an aerial counterpoise. For  
=20  
climbing an hill? Well, I use the byke do some exercise, I have a good car  
=20  
anyway!

2 - The rig: I have tried my old Atlas 210x, but it is too heavy and needs a  
=20

heavy battery (yes, I know what I said about to use the byke as form of  
=20  
physical exercice, but I did not mean sacrifice). Then I have used my  
=20  
MFJ-9420, a light 20 meters SSB/CW transceiver, with about 5 to 7 watts CW  
=20

and 8 to 10 watts SSB output when fed by a (small) battery. I think it is a  
=20

better option. Now I intend to try my Mizuho MX14S, eventually with the  
=20  
small Ramsey QRP booster, supposed to pump out about 10 to 20 watts when fed  
=20

by 1 to 2 watts (in practice, the one I have built has a maximum output of  
=20

about 8 watts when fed by the Mizuho, but it could be my fault as I am a  
=20  
very poor kit builder).=20

3 - The aerial: THAT is the problem. I have used two kind of wips near the  
=20

rear weel, both loaded at their base by a magnet wire coil winded over a PVC  
=20

tube (canibalized from the last plumber works at my QTH). The first wip was  
=20

just an old car antenna (yes, the one intended for the entertainment radio).  
=20

The second one, still in use, is a VHF antenna, one of those that have a  
=20  
spring (acting both as mecanical aid and a loading coil) at its base. I got=

=20

it for free (nice price, isn't it?) in a deposit of old military surplus.=

=20

The number of turns of the PVC loaded coil depends obviously on the tube diameter and the antenna length, and in my case it has been decided by trial-and-error, with the help of a deep meter and a SWR bridge connected to

a rig (by the time when I did it I did not have yet my MFJ noise bridge).

Results - Not outstanding, but very decent if we remind that all this has happened during the period of low propagation. By the way, it is safer to stop the byke while transmitting, and this is almost mandatory if you intend

to use CW. Personally, I just love to work CW while driving my car (with the IC-706 Mk2 and the automatic remote ATU from ICOM), but I would not

recommend it while riding a byke. Anyway, do not think that you are going to raise the admiration of the station you are working, because most of the

times the other operator will not believe that you are transmitting from a byke. When they do, they tend to make strange questions (is your byke a sports byke or a regular one? Does it have an engine or is it a pedal byke?)

but sometimes they ask for details about the rig, aeralis or power supply.

Some QRP bykers are not that happy, I remember a very fun article of an old issue of the 73s magazine, published some years ago (I am not sure, but I

suppose that it was in the QRP column written by Mike Brice, I think he is a subscriber of this list and could eventually confirm it), when a tentative

to improve the aerial counterpoise with a trailing wire laying on the road while riding, has finished in a small accident before any contact was

achieved. It should be better to keep the counterpoise inefficient but safer...

I hope this is usefull, enjoy your byking.

Best 72/73 de Roger, CT1ETT



-----  
Date: Tue, 28 Oct 1997 05:57:10 -0700  
From: Jess Gypin <jessqrp@concentric.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29770] FOX Log Corrections  
Message-ID: <3455E126.3BAB@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Please find a few corrections below. I hvcae gotten comments either way on going on the air late, or rescheduling. Mu thoughts were that it was better to go up late within a 1/2 hour of my quitting time than not at all. There were times last year that there was supposed to be a fox and he didn't show because of UTC brain fade and I listened and listened for 2 hours and not a peep. On the other hand, after 02:00, my original quitting time, the pile died, so people must have thought the time was up. In hindsight, I should have come up on the greq and announced that I would be there until 03:30, but the pile up was relentless. They hardly let me get my call out. On the other hand, they had been waiting over an hour and I would have been anxious too.....

N0TFI QRP-L Fox Hunt 01:30-03:30 UTC OCT 28th

0136 W7SSM 55N CA John 1048  
0137 K5ON 5NN Name? 770  
0139 N5JI 55n TX Dick 1054  
0140 K2VCO 569 CA Vic 725  
0142 K1MG 579 CA Mike 614  
0143 N5LU 559 OK Bill 5W  
0144 KK6MC/5 56N MO Jim 411<-----  
0145 K5LE 559 CA Jim 524  
0147 K5OI 559 NM Tim 73  
0148 W03B Bob State? NR 195  
0149 K0EVZ 559 MN Doc 861  
0151 K8CV 559 MI Walt 925  
0152 AB5UA 5NN MO Cliff 478  
0154 NQ7X 559 NV Floyd 443  
0156 N(w?)5TFB 5NN TX Jack 282  
0157 W6SV 559 CA John 48  
0200 K6VNX 57N CA Arlen 5W  
0201 KB0PTE 55N MO Wayne 1058<-----  
0202 Ko6KA 55N CA Rob 176  
0203 AB7TK 56N ID Randy 102  
0206 KA8MKS 55N QRM took out rest sri!  
0209 VE5RC 559 SK 776  
0211 KA5T 44N TX Larry 89

0212 N7KT 58N AZ Roger 62<-----  
And then the nuclear strike.....  
0212 We6W 55N CA ??? 1068  
0215 W0CH 55N MO Dave 618  
0216 WS6NS?? TX Henry 178  
0220 AB7MY %nn AZ Gary 571  
0223 N6XU 55n CA Stan 66  
0225 KA80KH 55n KY Rich 925 (This was a TUFF one!)  
0226 KU7Y 55N NV Ron NV 18  
0240 N4ROA?? Dan 970  
0241 VE3ELA 329 (no kidding!) ONT ??? 124???  
0256 K5UP 559 OK Glen 211?  
0311 WA5yfy 549 OK Dub 159  
0316 Wa6EWI???  
0320 AC6KW 549 CA Jeff 1292 Thanks for hanging in on that one!  
--  
Jess N0TFI <><  
<http://www.concentric.net/~jessqrp>  
qrp-1 #1232 CQC #92 1997 Fox

-----  
Date: Tue, 28 Oct 97 12:51:55  
From: "Larry Wise KA5T" <lewise@inetport.com>  
To: "qrp" <qrp-1@Lehigh.EDU>  
Subject: [29771] Monday night FOX  
Message-ID: <199710281254.GAA28417@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Well gang I must be out of touch....

Came home last night and came into Radio Central and  
looked at the FOX sked in the files....

Hmmm N0TFI 0200 - 0400....OK....got about 15 minutes or  
so....

Check the mail.....Whats all these fox messages????

Noone heard the fox yet??? Hmmmmm did I miss an  
update????

Tune around....by now its about a minute til 0200...

What's that??? Sounds like a pack of hounds on about  
7037 or 7038.....Yeh...and the fox is sounding pretty good..  
Listen....Try...Listen...Try.....

Whats that???? QSY to 43????

Twist..Twiddle...Listen..there's the CQ....There's the pack...  
There's quiet.... HIT IT!!!

Aaaaaahhhhhhhh there's my call.....0210Z.....Gottum.....

Settin' there so fat dumb and happy finishing mail and  
sending le tter to relatives.....forgot to check for another  
fox tonight...

Aaaaarrrrrrggghhhhhh!!!! Missed a chance at another  
novice fox.....

Oh well so goes life.....sometimes a day late and a  
dollar short.....

Check all those skeds and mail for tomorrow.....

Larry KA5T Georgetown, Texas grid EM10dq  
lewise@inetport.com

-----  
Date: Tue, 28 Oct 1997 07:04:34 -0600  
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>  
To: CQCLIST <cqclist@lists.csn.net>  
Cc: qrp-1@Lehigh.EDU  
Subject: [29772] Armadillo Mults and Such  
Message-ID: <3455E2E2.51AC@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Howdy Y'all,  
Sorry for any confusion in the scoring routine for the Armadillo Chase.  
Here is the scoop.  
>From the posted rules: "Stations may be worked on multiple bands for QSO  
points and multipliers."  
Sorry for mis-stating these in my e-mail to Jan. I will check all logs  
and correct any scoring errors. Don't lynch Jan, it was not her fault,

besides she is a sweetheart!  
CU---OJ---K10J  
TEXAS YAHOO  
..

-----  
OWEN'OJ'QUARLES <k1oj@swbell.net>  
HOUSTON, TEXAS QRP-L #732  
ARCI #9492 AR QRP #64 CQC #476  
CW OR CB, ITS YOUR CHOICE!

-----  
Date: Tue, 28 Oct 1997 08:04:31 -0500  
From: Derek Brown <DBrown@RFMD.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [29773] DC Electronics  
Message-ID:  
<c=US%a=\_%p=RF\_Micro\_Devices%l=PACHACUTEC-971028130431Z-5643@proxy1.rfmd.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Is DC Electronics still in business? A few years ago I received their catalogs - they always had neat, useful stuff at good prices. If they're still around, someone please E-mail me their address and phone number, I'd like a current catalog.

72 de Derek, WF4I  
Greensboro, NC  
dbrown@rfmd.com

-----  
Date: Tue, 28 Oct 97 13:10:49  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-l@Lehigh.EDU>  
Subject: [29773] More on Monday night fox.....  
Message-ID: <199710281313.HAA29029@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Went back and checked on the FOX sked I have....

Hmmmmmm whats this ??? missread the sked...???

Thats tonights fox on from 0200 to 0400....last nights  
WAS listed as 0000 to 0200....Hmmmmmm

Wonder how many other foxi I've missed because ot that??

No problem with time conversion....just can't read!!!! :-)

Well.....just blame it on old age and keep trucking....

Lessee....if I edited that sked to put each fox on a  
different line... and put a couple of blank lines between  
each line.....added local day.....hmmmm

Naaahhhh....too much trouble....just get some stronger  
glasses...:-)

Larry KA5T lewise@inetport.com Georgetown, Texas

Larry KA5T lewise@inetport.com Georgetown, Texas

-----  
Date: Tue, 28 Oct 1997 08:27:49 -0500 (EST)  
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Cc: Laurel ARC <larc-l@webtrek.com>, eax@w3eax.umd.edu  
Subject: [29774] Them bands, they are alive  
Message-ID: <Pine.LNX.3.95.971028082418.11537A-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Walked into the LARC class 3 minutes late last night as I was working  
TZ6SI (DJ6SI, but in the country of Mali) on 30 meters @ 0003z. I must  
confess I had to crank it up to 20 watts on this one.

On the way home (0300z on 30m, QRP/m) I worked 3B8CF. Seems to me the  
3B8s, those Mautitians, are pretty active (given recent reports of 3B8CF

and 3B8FG).

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\* 6m 80 grids on 8w \* DXCC WAS WAC \* QRP-L #147 \* QRP ARCI #9054 \*  
\* Charter member, Maryland Milliwatters \* W3-VK on 3w mobile CW \*  
\*\*\* 301-549-1022 h / 301-982-1015 w \*\* Life is one big hamfest \*\*\*

-----  
Date: Tue, 28 Oct 1997 07:38:25 -0600  
From: "Rattray, Bruce" <Rattray@sias.sk.ca>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [29775] N0TFI  
Message-ID: <ABB04875E11AD01191A40000F83092BE3B3F07@stone.sias.sk.ca>  
MIME-version: 1.0  
Content-type: text/plain  
Content-transfer-encoding: 7BIT

I was getting ready to join the many hunters who were wondering if the fox had suddenly decided to go to Florida on vacation, (I had the message typed and ready to send) when at 0156Z he appeared just like magic on 7.038...up to that time, I had heard nothing...at least I had lots of practise cruising up and down looking for him plus the NT fox...yeah, I know; 'ol greedy guts here!...HI HI...never did hear the N/T...it wasn't until N0TFI moved to 7.042 that I was lucky enough to get through and then it took a few back and forths... HAR!...thank goodness for my secret weapon...I couldn't have made the contact without it...are these foxii learning magic?...no fox hunting tonight as my daughter's taking me out to the Mr. Bean movie; a daughter & father thing...so have fun everyone and as "Arnold S" says..."I'll be back."  
...72 - Bruce(VE5RC) QRP-L#886

-----  
Date: Tue, 28 Oct 1997 08:56:44 -0500 (EST)  
From: PaulKB8N@aol.com  
To: tentec@contesting.com, qrp-l@Lehigh.EDU  
Subject: [29776] For Sale - Mint 962, 700C  
Message-ID: <971028085235\_2035811937@emout11.mail.aol.com>

Gang,

I have for sale:

Mint Ten-Tec 962 power supply for sale, \$150 plus shipping.

Ten-Tec Model 700C Microphone, \$25.

Paul, KB8N

-----  
Date: Tue, 28 Oct 1997 07:46:17 -0700 (MST)  
From: bcutter@teal.csn.net (Bob Cutter)  
To: qrp-l@Lehigh.EDU  
Subject: [29777] QRP SSB  
Message-ID: <199710281446.HAA26245@ns-1.csn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

It appears that Phil, N0KE(W0KEA) has set a new Oceana QRP record in CQWW SSB from Maui. 655 Q's, 340,800 points with nearly half the Q's on 10M. Phil is a memeber of Ski Country ARC.

72, Bob KI0G

-----  
Date: Fri, 28 Nov 1997 08:13:31 -0600  
From: "Dick Schneider" <rschneid@ix23.ix.netcom.com>  
To: qrp-l@Lehigh.EDU  
Subject: [29778] adding KC1 to OHR 100  
Message-ID: <199710281516.JAA15337@dfw-ix10.ix.netcom.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Anyone have the instructions for adding the KC1 keyer to an OHR 100?  
Or know where I could go to get them? Tnx

72/73 Dick AB0CD..

-----  
Date: Tue, 28 Oct 1997 09:59:46 -0500  
From: "W. D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [29779] Help:NVIS antenna info?  
Message-ID: <199710281003\_MC2-256E-3A16@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Gang:

Can anyone help me locate the fairly recent article on building and using a "NVIS" antenna? I believe it was in 73, CQ or QST within the last year or so. Have dug through all my available copies, though, and cannot locate it. Maybe I am going blind <VBG>.

This is an antenna mounted low to the ground, to force the signal at HF to travel more vertically than horizontally. The ARRL Antenna Handbook mentions the phrase NVIS but apparently offers no practical antenna projects.

Need to put something up today, if at all possible. So if anyone can help, please do! Thanks in advance.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ars 311 mn-qrp 19  
nj-qrp 69 ak/qrp 73 arci 9398 arrl was 48/39 dxcc 53/42 <><  
FOX total 10/28/97 = 10 of 10 & 7 of 8 N/T+ FOXes

-----  
Icom 751a OMNI V Sierra Argosy 525 Argo 515 Norcal 40a  
SW-40 49er Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP  
Titan DX TNT/2 Windom SLV/W6MMA G5RV Autek QF-1  
RS DSP-40

"Insanity is doing the same thing over and over...but expecting a different result every time"--Albert Einstein

-----  
Date: Tue, 28 Oct 1997 16:08:29 +0200  
From: Michael Keller <michael.keller@gmx.net>  
To: <QRP-L@Lehigh.EDU>  
Subject: [29780] Re:CW/SSB ratio=18dB. may be better!  
Message-ID: <3.0.3.32.19971028160829.0089bc50@rz.ba-karlsruhe.de>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:54 28.10.97 +0100, you wrote:

>>Date: Sat, 11 Oct 1997 08:38:09 -0700



>>From: Vic Rosenthal <rakefet@rakefet.com>  
>>Subject: Re: CW/SSB ratio=18dB. How?....  
>>Here's the (informal) reasoning. You can copy a CW transmission using a  
>>receiver bandwidth about 22 times smaller than that required for an SSB  
>>signal (80 Hz vs 1800 Hz). Assuming that the noise which comes along  
>>with the signal is proportional to the bandwidth, you get a  
>>signal-to-noise ratio about 22 times better, which is (I think) 13 db.  
>>Hmmm, I don't know where 18 came from, but 13 is pretty good.  
>  
>Throw-in an some extra dB's since CW requires much lower S/N than SSB!  
>How much?: it depends on ear-brain system! (brain should not be  
ssb-oriented)  
>Long lives CW!  
>73's IZ1BDL Franco  
>  
>

its much better,

in cw you allways have full output power for your information, so your gain  
is another 5db, which is ssb lower, up here its a gain of about the 18dB.

another gain is the lower signal to noise level necessary for cw, i checked  
it out with white noise, so its possible to copy CW at abt -27 dB SNR, for  
phonie its maybe -15dB, another gain of 12dB.

the result is a gain of about 30dB, which means 1Watt of CW has the same  
use as 1KW of ssb.

so the real heroes of QRP are perhaps all the ssb people (hi), with only  
5KW or less. i will pray for them.

73 de mike (dl6iak)

-----  
Date: Mon, 27 Oct 1997 17:24:52 +0000  
From: Leon Heller <leon@lfheller.demon.co.uk>  
To: joebarb@wilmington.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [29781] Re: Need Some IC's for simple receivers  
Message-ID: <o5t+IKAK5MV0EwnS@lfheller.demon.co.uk>  
MIME-Version: 1.0

In message <3.0.1.32.19971027105646.00696a70@wilmington.net>, Joseph  
Trombino jr <joebarb@wilmington.net> writes

>Hello Gang: Was thumbing through a book I bought at a HamFest recently titled  
>"Radio Receiver Projects You Can Build" by Homer L. Davidson. This is a  
>neat book full of simple receivers that both young and old alike can enjoy  
>building. Several of the simple AM receivers require the following chips  
>made some time ago by Ferranti (I believe), and I would like to either  
>purchase new or good used chips or get the address of a source for these  
>chips:

>

>ZN414 and/or ZN416E/ZN416Z

>

> BTW, the projects covered in the book range from simple crystal sets to  
>TRF sets to Direct Conversion sets to simple superhets. Some cover the ham  
>bands and others cover shortwave bands. Looks like an ideal book to get  
>youngsters involved in making simple receivers that could lead to bigger  
>and better things, like getting a Ham License!!:). Anyway, I would  
>appreciate any assistance the group could provide in obtaining several of  
>these rascals.

GPS stopped making these over a year ago. Maplin ([www.maplin.co.uk](http://www.maplin.co.uk)) has  
the ZN416 in their catalogue, although this doesn't mean that they have  
any in stock.

73, Leon

--

Leon Heller: [leon@lfheller.demon.co.uk](mailto:leon@lfheller.demon.co.uk) <http://www.lfheller.demon.co.uk>  
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424  
See <http://www.lfheller.demon.co.uk/rcm.htm> for details of a  
low-cost reconfigurable computing module using the XC6216 FPGA

-----  
Date: Tue, 28 Oct 1997 11:02:17 -0400  
From: Greg Weinfurtner <[weinfurtner@ouvaxa.cats.ohiou.edu](mailto:weinfurtner@ouvaxa.cats.ohiou.edu)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [29782] Re: More on shielded loops  
Message-ID: <[v03110700b07badd36e75@\[132.235.72.186\]](mailto:v03110700b07badd36e75@[132.235.72.186])>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"  
Content-transfer-encoding: 7BIT

>

>You can also see a very similer design at Greg's, NS80, web page at

>

><http://ouvaxa.cats.ohiou.edu/~weinfurner/160RL.jpg>

>  
>(hope you don't mind my saying that Greg..)  
>72,  
>Steve, KD1JV....In the White Mountains of New Hampshire  
>  
>"Melt Solder"

Guys and gals,

Glad to offer the schematic that Steve mentioned! However a "t" was left out of the name and as we all know, "puters" are pretty fussy! It should read:

<http://ouvaxa.cats.ohiou.edu/~weinfurtner/160RL.jpg>

I've since built a 10db preamp to go with it and will have that on that page soon...

Good work on the loop experiments, Steve!! Looking forward to reading more!

72 all de NS80!

>  
>

-----  
Date: Tue, 28 Oct 1997 16:10:59 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [29783] CW SS 97 Prelims  
Message-ID: <199710281610.QAA21288@chuck.dallas.sgi.com>

Gang,

Just a short note on this upcoming weekend. If you don't do contests

then restrict yourself to the WARC bands. :-) And a lot of people think that CW is dead. ;-) On the subject of WARC bands. I was on 17M early this morning (well, the sun comes up earlier now that we moved the clocks back) and worked a KG4 with my 0.95W. He had a string going contest style with just a RST and call exchange. Work 'em first and worry later is the DXers motto. KG4 being in Guantanamo Bay of course. So the band is turning out to be a good one, but most experienced QRPers will move to the highest band open when possible. Rig(s) permitting. And I don't even look up the SF or A or K indices, just turn on the rig and listen.

Ron Stark, KU7Y, and I gave a short discussion on SS at Pacificon on how to do SweepStakes as a QRPer. If enough interest, we can do up a few notes and post tomorrow, just let me know via email. If you haven't already been thinking about this contest and already working on the antlers/aerials/or whatever, then you must already have a nest of Force12 yagis up or the copper rhombic antenna is in place with 30 meter telephone poles..... Otherwise you may be starting out with a handicap.

Make it a goal to work at least 100 Qs (Qs - contest abbreviation for a contact made and completed) so that you can spend the \$5 total and get the pin from the ARRL. It may take 5 hrs or so to do this, but stick with it. You can do this. Nice pin by the way. Also, send in your logs. I strongly urge you to use CT or TRlog with a computer if possible. I didn't find out until Pacificon that TRlog has a simulator to help you, but I did hear it send the wrong abbreviations, like WY0, for some sections, but a minor nit. Computer logging will save you a lot of time and energy and you won't feel like you have been beat like a rug with tennis racquet. :-) You'll feel tired anyway. Guaranteed.

Make sure you know which of the sections below you are in and use the correct abbreviation. You will get lonely otherwise. This list from the contest web page and note there are now 79 sections. The finish line for a clean sweep (worked all sections) keeps moving further out. Ron likes that as he knows how close I can get. ;-)

Go look at

<http://www.contesting.com/>

for further information on contesting.

If you can surf, be sure to go down to the pages with how to prepare and how to work the contest. Lots of good information.

CW SS 97 is a very good chance to get the states you are missing. If you can go fast then try the low ends of the bands. If you are under 25 wpm then try up 90 or more KHz from the low end. Work your way down as your speed

increases. Copy exchanges two or more times before you call a station if necessary. But, make sure you call him at his speed, please. Go to the contest page or ARRL and get the rules, or look in October issue of QST.

I hear all kinds of discussions on whether one should start out early or wait until the last day for the casual contestor or someone who wants to only work some new sections or states. It's a good news - bad news thing. Early on there are a lot of stations and it may be hard to work them. But that's when most of the stations are going to be on, the good ones especially as they are in from the start for their 24 hrs and they have good equipment and are great operators.

Towards the end of the contest there are more hungry stations and they will work you, but a lot of sections will be missing as those stations have already put in their 24 hours and have gone night-night for the rest of the weekend before going to work early Monday morning.

Some quick hints:

1. Lookup old results in QST for CW SS. Memorize the calls. They'll be back. :-)
2. Get RUFZ 2.12e and run it day in and day out. Get RUFZ v3.0 if you want to submit your scores.
3. Get TRlog and practice the simulation. There is an old version in the public domain (thanks N6TR) that you can get from <ftp://ftp.jzap.com/pub/n6tr/4-05.zip> and you will need pkunzip to unzip it. I think it has the simulator. Not sure.
4. You will S&P (search and pounce) but try starting in different places and going in a different direction to keep you from getting in sync with someone that may be killing you on timing and getting contacts that you should have gotten. Go the whole CW band if necessary.
5. The longer you stay with it the better you'll be. Come back again next year and the year after .....
6. Have a good receiver with good front-end and good crystal filters. Also watch the RIT and offset. If you aren't working 'em, you may be off too much. During the contest is no time to discover this flaw.
7. If you work 5 or more hours and don't have Extra. Then within the next 10 days you go and take the CW exam, don't hesitate. Just do it!
8. Try to find other Q-class stations, they'll be S&P most of the time, but they might get a freq for a while.

63rd ARRL November Sweepstakes

Start: Saturday, November 2, 1997 2100 UTC  
End: Monday, November 3, 1997 0300 UTC

1800-1810 KHz  
 3530-3600 KHz (3665-3705 Slow and Novice Ops)  
 7030-7080 KHz (7090-7130 " )  
 14030-14060 KHz  
 21050-21080 KHz (21090-21130 " )  
 28050-28080 KHz (28090-28130 " )

# ARRL/CANADIAN SECTION ABBREVIATIONS

1		6	
Connecticut	CT	East Bay	EB
Eastern Massachusetts	EMA	Los Angeles	LAX
Maine	ME	Orange	ORG
New Hampshire	NH	Santa Barbara	SB
Rhode Island	RI	Santa Clara Valley	SCV
Vermont	VT	San Diego	SDG
Western Massachusetts	WMA	San Francisco	SF
2		San Joaquin Valley	SJV
		Sacramento Valley	SV
		Pacific	PAC
Eastern New York	ENY	7	
New York City-Long Island	NLI		
Northern New Jersey	NNJ		
Northern New York	NNY	Arizona	AZ
Southern New Jersey	SNJ	Eastern Washington	EWA
Western New York	WNY	Idaho	ID
3		Montana	MT
		Nevada	NV
		Oregon	OR
Delaware	DE	Utah	UT
Eastern Pennsylvania	EPA	Western Washington	WWA
Maryland-DC	MDC	Wyoming	WY
Western Pennsylvania	WPA	Alaska	AK
4		8	
Alabama	AL	Michigan	MI
Georgia	GA	Ohio	OH
Kentucky	KY	West Virginia	WV
North Carolina	NC	9	
Northern Florida	NFL		
South Carolina	SC		
Southern Florida	SFL	Illinois	IL
Tennessee	TN	Indiana	IN



Content-Type: text/plain; charset="us-ascii"

NorCal QRP Club will sponsor a unique building and design contest to be judged at Dayton. We are sponsoring the NorCal 2222 Transceiver contest. The rules are simple, the only active device that you may use in the transceiver is the 2N2222 and its derivatives, the PN2222, PN2222A, and 2N2222A. You may not use any other transistors or I.C.'s, but diodes are ok. All types of diodes, including varactors, shottky, etc. Mixers, such as the SBL-1, Tuff-1, etc. are also not allowed. The transceiver may be for any band, and for any mode, but must be QRP. Each entry must be accompanied by a 1 page (8.5 x 11") schematic and a 1 page typed explanation of the circuit. Also, a one page typed paper giving test results of power out (using a 13.6V supply), current drain on receive and transmit, and mds.

We encourage you to borrow existing designs from QRP literature and put your design together from design building blocks. The winner will get a plaque from NorCal, and have his design published in QRPP. This is not a beauty contest, but is a contest to see who can be the most creative in producing a design that is simple, yet works. It is meant to be a learning exercise. We encourage you to discuss your projects on QRP-L, ask for hints, share ideas and most of all have fun. Don't keep this secret, but share as you develop your project.

To give you a head start on receiver design, check out the Fall issue of Sprat and QRPP (when it comes, should be out next week) for a receiver design that uses only transistors and NO IC's.

Remember, you must build a working prototype, but the choice of construction is up to you. Credit for the idea of the contest goes to Wayne Burdick, N6KR, who came up with the idea. He also plans to enter. Every one is welcome to enter. See you at Dayton 98.

72, Doug, KI6DS/M0BIV

-----  
Date: Tue, 28 Oct 97 8:44:38 PST  
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>  
To: adams@chuck.dallas.sgi.com (chuck adams), qrp-1@Lehigh.EDU (qrp)  
Subject: [29785] Sub Arctic Fox Log  
Message-ID: <9710281644.AA01462@wizard.ucs.sfu.ca>

Well, here it is. There were some computer problems so I don't know if I got all the typo's eradicated yet. Thanks again everyone for comming out.



cheers, Paul  
 VE7CQK  
 email: paul11@wizard.ucs.sfu.ca

1997 FOX LOG - VE7CQK

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth	Mults
----	----	----	----	-----		----	----	----	----	-----
40CW	24-Oct-97	00:32	1	AB7TK		559	559	RANDY 102	ID	1
40CW	24-Oct-97	00:33	2	KU7Y	*	559	559	NM RON 17	NM	1
40CW	24-Oct-97	00:36	3	VE6GK		599	559	RICK 165	AB	1
40CW	24-Oct-97	00:38	4	N6XU	*	559	569	STAN 66	CA	1
40CW	24-Oct-97	00:39	5	AB7ST	*	559	559	BOB 129	UT	1
40CW	24-Oct-97	00:40	6	K2VCO	*	559	559	VIC 725	CA	1
40CW	24-Oct-97	00:41	7	N0HJ		559	579	JOHN 219	CO	1
40CW	24-Oct-97	00:42	8	AC6LA		559	559	DAN 515	CA	1
40CW	24-Oct-97	00:44	9	KK6MC	*	559	559	DUFF 411	NM	1
40CW	24-Oct-97	00:46	10	AA0ZZ	*	559	559	CRAIG 1238	MN	1
40CW	24-Oct-97	00:47	11	N7CTJ	*	559	559	DICK 843	NV	1
40CW	24-Oct-97	00:49	12	N0TFI	*	559	559	JEFF 1232	CO	1
40CW	24-Oct-97	00:51	13	K5OI		559	559	TIM 73	NM	1
40CW	24-Oct-97	00:54	14	AB7TT		559	559	JOE 5W	AZ	1
40CW	24-Oct-97	00:58	15	K7DBV		559	559	GENE 201	OR	1
40CW	24-Oct-97	01:00	16	VE5RC		559	339	BRUCE 886	SK	1
40CW	24-Oct-97	01:02	17	K0EVZ	*	559	579	DOC 861	MN	1
40CW	24-Oct-97	01:05	18	N5JI		559	559	DICK 1054	TX	1
40CW	24-Oct-97	01:06	19	N7VE		559	559	DAN 5W	AZ	1
40CW	24-Oct-97	01:07	20	NQ7X	*	559	559	FLOYD 343	AZ	1
40CW	24-Oct-97	01:10	21	AB7MY	*	559	559	GARY 571	AZ	1
40CW	24-Oct-97	01:11	22	K6VNX		559	559	ARLEN 5W	CA	1
40CW	24-Oct-97	01:12	23	K1MG		559	559	MIKE 614	CA	1
40CW	24-Oct-97	01:14	24	W6SU	*	559	599	JOHN 48	CA	1
40CW	24-Oct-97	01:15	25	N6VZ		559	559	GARY 919	CA	1
40CW	24-Oct-97	01:16	26	W7QQQ		559	559	JACK 1210	AZ	1
40CW	24-Oct-97	01:19	27	KA80KU		559	559	RICH 933	OH	1
40CW	24-Oct-97	01:21	28	N7KT	*	559	559	ROGER 62	AZ	1
40CW	24-Oct-97	01:23	29	K06KA	*	559	559	ROB 176	CA	1
40CW	24-Oct-97	01:25	30	WE6W		559	569	ED 1068	CA	1
40CW	24-Oct-97	01:27	31	W7SSM		559	559	JOHN 1048	CA	1
40CW	24-Oct-97	01:29	32	W9UQB	*	559	559	MIKE 413	AZ	1
40CW	24-Oct-97	01:31	33	AK1P	*	539	569	PAUL 284	CA	1
40CW	24-Oct-97	01:34	34	WB0T		559	559	JERRY 1268	IOWA	1
40CW	24-Oct-97	01:36	35	W5SB		559	559	BILL 1279	TX	1

40CW	24-Oct-97	01:39	36	W7JDZ		559	599	MAC 2W	ID	1
40CW	24-Oct-97	01:46	37	K8DD	*	559	559	HANK 246	MI	1
40CW	24-Oct-97	01:48	38	W9KVF		559	569	MIKE 1204	IL	1
40CW	24-Oct-97	01:51	39	KB0PTE		559	559	JERRY 1058	MO	1
40CW	24-Oct-97	01:55	40	W1LP/MM		539	599	CLINT 869	MA	1
40CW	24-Oct-97	01:58	41	W6BAB		559	559	HARVE 5W	CA	1
40CW	24-Oct-97	02:01	42	K5NZ		549	559	MIKE 5W	TX	1
40CW	24-Oct-97	02:03	43	KJ3V		559	599	LYNN 1227	AL	1
40CW	24-Oct-97	02:05	44	W5FN		559	559	TIM 586	TX	1
40CW	24-Oct-97	02:08	45	K5LE	*	559	559	JIM 534	CA	1
40CW	24-Oct-97	02:10	46	W0CH	*	599	559	DAVID 618	MO	1
40CW	24-Oct-97	02:11	47	W00Q	*	559	559	MARTY 793	CO	1
40CW	24-Oct-97	02:14	48	K5WO	*	559	559	BOB 273	TX	1
40CW	24-Oct-97	02:15	49	K10J	*	559	559	OJ 732	TX	1
40CW	24-Oct-97	02:18	50	W6EV		559	599	FRANK 1563	CA	1

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth	Mults
----	----	----	----	-----		----	----	----	----	-----
40CW	24-Oct-97	02:20	51	K5UP	*	559	559	GLEN 21	OK	1
40CW	24-Oct-97	02:22	52	N6KR	*	559	599	WAYNE 490	CA	1
40CW	24-Oct-97	02:23	53	KA7NOC	*	559	579	STEVE 909	ID	1
40CW	24-Oct-97	02:25	54	AC6KW		559	559	JEFF 16	CA	1
40CW	24-Oct-97	02:28	55	K5JHP		559	539	WILL 825	TX	1
40CW	24-Oct-97	02:30	56	AA2PF		549	559	DAVE 306	NC	1

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Date: Tue, 28 Oct 1997 17:00:53 -0800  
 From: "Harvey D. D. Hetland" <n6mm@earthlink.net>  
 To: DBrown@RFMD.com  
 Cc: QRP-L@Lehigh.EDU  
 Subject: [29786] Re: DC Electronics  
 Message-ID: <34568AC5.3AA9@earthlink.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

Yes, DC Electrronics is still active; and I received the new 1998 catalog within the last week. The information is as follows:

DC Electronics  
 P. O. Box 3203  
 Scottsdale, AZ 85271-3202  
 1-(800) 467-7736

1-(800) 423-0070  
1-(602) 945-7736  
1-(602) 994-1707 for FAX

73, Harvey, N6MM.

-----  
Date: Tue, 28 Oct 1997 12:07:47 EST  
From: kh6b@juno.com (Dean W Manley)  
To: 70511.3041@CompuServe.COM, qrp-1@Lehigh.EDU  
Cc: kh6b@juno.com  
Subject: [29786] NVIS  
Message-ID: <19971028.070715.5391.6.kh6b@juno.com>

Aloha, everyone.  
Doc, you wrote:

>Gang:

>Can anyone help me locate the fairly recent article on building and  
using a  
"NVIS" antenna? I believe it was in 73, CQ or QST within the last year  
or  
so. Have dug through all my available copies, though, and cannot locate  
it. Maybe I am going blind <VBG>.

This is an antenna mounted low to the ground, to force the signal at HF  
to  
travel more vertically than horizontally. The ARRL Antenna Handbook  
mentions the phrase NVIS but apparently offers no practical antenna  
projects.

Need to put something up today, if at all possible. So if anyone can  
help,  
please do! Thanks in advance.

72/73,  
--Doc/K0EVZ qrp-1 861 norcal 2050 cqc 414 ars 311 mn-qrp 19  
nj-qrp 69 ak/qrp 73 arci 9398 arrl was 48/39 dxcc 53/42 <><  
FOX total 10/28/97 = 10 of 10 & 7 of 8 N/T+ FOXes

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Icom 751a OMNI V Sierra Argosy 525 Argo 515 Norcal 40a  
SW-40 49er Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP  
Titan DX TNT/2 Windom SLV/W6MMA G5RV Autek QF-1  
RS DSP-40

"Insanity is doing the same thing over and over...but expecting a different result every time"--Albert Einstein

NVIS implies antenna radiation at high angles, concentrating near 90 degrees, straight up. Low HORIZONTAL antennas are good candidates. Horizontal dipoles and horizontal full-wave loops, mounted from a few feet to no more than a quarter-wave high.

Also, the choice of frequency is important for NVIS. You MUST operate below the E-layer critical frequency. This is usually 4-10 MHz daytime, 1-4 MHz nighttime.

Summary: Low horizontal antennas plus good use of 160-80-40 meters!

Good luck.

73 and Aloha, Dean Manley KH6B  
ARRL Life Member, HI Chapter QCWA,  
ARCI 6257, QRP-L 1032, HI-QRP 1,  
NorCal 1928, NW QRP 470, OOTC 3642  
kh6b@juno.com VTI / W9SAL

-----  
Date: Tue, 28 Oct 1997 10:09:43 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [29787] Re: NorCal 2222 Building Contest  
Message-ID: <34561C57.7051@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks for the info Doug.

FB on the discreet design contest using only 2n2222's.

It has always been a pet peeve of mine to avoid IC's. Especially custom IC's. For the homebrewer of old, there were only the tubes. Always asked myself, if they could do it with a couple of tubes, why do we need LSIC's?

QRP opens a world of opportunities.

Thanks for the info.

-Ed Loranger, WE6W

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8,OHR-100, Pixie2, Johnson Viking II, Drake TR-3  
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: 28 Oct 1997 11:19:50 -0500  
From: "rohre" <rohre@arlut.utexas.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [29788] A way to search for a capcitor  
Message-ID: <n1334084893.75410@msmailgw1.arlut.utexas.edu>

Sometimes in design, you know the dielectric of capacitors that will work in your application; but you might not know who manufactures such a part or you might not know if a part in a certain family will fit physically. That might be a case where more than one of the family of capacitors might work for you. Such an example is the use of glass or ceramic dielectric for RF applications. For many RF uses, either will work at VHF, but the sizes of ceramic caps might be larger than you want. Is there a glass alternative?

For questions such as these, the designer who has some idea of what would be an appropriate capacitor in the his design value, can now search among several manufacturers very easily from one web site. Time Electronics has a capacitor search web page, similar to the connector search already online.

The URL is: <[www.time.avnet.com/caonline/ca.htm](http://www.time.avnet.com/caonline/ca.htm)>

The brands that will be searched are AVX, Mallory, Murata, Nichicon, Mepco/Philips, Roederstein, Vishay/Sprague, United Chemicon, and Vitramon.

As stated above, you do need to know the basics of what types of capacitors are suitable in audio vs. RF application. This web search allows you to choose the family of dielectric, the voltage rating, the tolerance, and how the leads of the package are arranged, etc.

But it still could be a fast way to find an answer if you are not familiar with catalogs, and common parts sources such as Mouser, Allied, Newark, and Digi-Key. In the changing parts market today, it is nice to find a site that features some of the familiar capacitor companies of years ago such as Mallory and Sprague.

I tried the site, and have no connection/commercial interest in them. (Standard Disclaimer). Some search features are still under construction when I ventured off the common path; but there is use for such data bases.

However, I think nothing replaces my shelf full of hard copy catalogs, I can search most of them faster than my computer can interact with Web service! But, if you are away from your catalog shelf, but near a computer, you now have an option.

-----  
Date: Tue, 28 Oct 1997 12:31:17 -0500  
From: Zack Lau <zlau@arrl.org>  
To: qrp-1@Lehigh.EDU  
Subject: [29789] Re: CW/SSB ratio=18dB. may be better\  
Message-ID: <34562165.4507@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My best SSB DX on 10 GHz is 298 km, with stations running 150 mW or less. On CW I've worked 421 km with a 200 mW station, and 549 km with a 10 watt station. --Zack W1VT

-----  
Date: Tue, 28 Oct 1997 10:28:45 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: 70511.3041@CompuServe.COM  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [29790] Re: NOTFI In NM, Calls Heard  
Message-ID: <345620CD.567B@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Howdy Doc. FB on NVIS experiment. Might also try a vertical. Should get 900 miles groundwave. Short transmitting loop might do it too.

Man! You sure are getting pelts this year! Hrd u get Jess, then without blinking, I go to N/T fox freq and there you are trying to work him...

Keep up the gud work om!  
-Ed Loranger  
--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3

QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: Tue, 28 Oct 1997 12:41:31 -0500 (EST)  
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-l@webtrek.com>, jmitchell@cen.com, boun@sunland.gsfc.nasa.gov, grao@umbc.edu, "Craig J. Sterling" <cjsterl@ix.netcom.com>  
Subject: [29791] MD MW QRP Dinner, WSSC tour by AB3A - details  
Message-ID: <Pine.LNX.3.95.971028123458.12725A-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jake has requested that the group at WSSC remain fairly small - like 4 or 5, which I suspect is no problem.

If you plan to show up there, let me know.

>From Jake:

Meet me in front of the building BEFORE 5:30 PM (that's when they start locking things down).

Directions:

Address: 14501 Sweitzer Lane.

I-95 exit 33B, MD 198 west.

Left at 1st light (Sweitzer Lane)

Go down the hill through the four way stop and you'll see a huge blue office building on your left. I'll be in front.

de Scott:

Dinner is at 6:45 - all QRPers, friends of QRPers, and QRPers-to-be are welcome. Olive Garden, U.S. 1 at Cherry Lane, Laurel, Maryland.

Talk in is on 147.225 MHz (+600 kHz, PL 156.7)

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\* 6m 80 grids on 8w \* DXCC WAS WAC \* QRP-L #147 \* QRP ARCI #9054 \*  
\* Charter member, Maryland Milliwatters \* W3-VK on 3w mobile CW \*  
\*\*\* 301-549-1022 h / 301-982-1015 w \*\* Life is one big hamfest \*\*\*

-----  
Date: Tue, 28 Oct 1997 11:40:45 -0600  
From: Allen Jones <ajones@adsnet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [29792] Re: CW SS 97 Prelims  
Message-ID: <3.0.3.32.19971028114045.006a2b80@mail.adsnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>3. Get TRlog and practice the simulation. There is an old version in the  
> public domain (thanks N6TR) that you can get from  
> ftp://ftp.jzap.com/pub/n6tr/4-05.zip

If you actually use Ver. 4.05 during SS be aware that it was written before the NNY section was added. I used it last year and didn't work any NNY stations so it wasn't a problem. You can edit the ARRL section file in the newer versions of TR but I don't believe you can fix 4.05. I purchased the new version from Tree at Dayton.

72/73

Allen Jones, W9DZ

-----  
Date: Tue, 28 Oct 1997 09:34:34 -0800 (PST)  
From: Jim W7LS <w7ls@brigadoon.com>  
To: kh6b@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [29792] Re: NVIS  
Message-ID: <199710281734.JAA19869@k2.brigadoon.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi, Dean. I also wrote back. Same stuff. I suggested the new NVIS book by World Radio Books. My calcs show 80 during the daytime, from exactly (and I mean EXACTLY) sun-up on the ionosphere locally, to just after sun-down. I get on a local 80 meter qrp net. Use 1 watt and a Hamstick (dummy load on a stick) while mobile. At sun-up, I get in. About a hundred miles :- ) 569, too.

At a few minutes before sunup, I couldn't get in. A few minutes after sun-up, I get a 569. Turns on fast. Tapers off slowly.

What do you find over there?



73 de Jim, W7LS

At 12:07 PM 10/28/97 EST, you wrote:

>Aloha, everyone.

>Doc, you wrote:

>

>>Gang:

>

>>Can anyone help me locate the fairly recent article on building and

>using a

>"NVIS" antenna? I believe it was in 73, CQ or QST within the last year

>or

>so. Have dug through all my available copies, though, and cannot locate

>it. Maybe I am going blind <VBG>.

>

>This is an antenna mounted low to the ground, to force the signal at HF

>to

>travel more vertically than horizontally. The ARRL Antenna Handbook

>mentions the phrase NVIS but apparently offers no practical antenna

>projects.

>

>Need to put something up today, if at all possible. So if anyone can

>help,

>please do! Thanks in advance.

>

>72/73,

>--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ars 311 mn-qrp 19

> nj-qrp 69 ak/qrp 73 arci 9398 arrl was 48/39 dxcc 53/42 <><

> FOX total 10/28/97 = 10 of 10 & 7 of 8 N/T+ FOXes

> -----

> Icom 751a OMNI V Sierra Argosy 525 Argo 515 Norcal 40a

>SW-40 49er Mercury Paddles Emtch ZM-1 MFJ 259 MFJ 941D GAP

>Titan DX TNT/2 Windom SLV/W6MMA G5RV Auttek QF-1

> RS DSP-40

>

>"Insanity is doing the same thing over and over...but expecting a

> different result every time"--Albert Einstein

>

>NVIS implies antenna radiation at high angles, concentrating near 90

>degrees, straight up. Low HORIZONTAL antennas are good candidates.

>Horizontal dipoles and horizontal full-wave loops, mounted from a

>few feet to no more than a quarter-wave high.

>

>Also, the choice of frequency is important for NVIS. You MUST

>operate below the E-layer critical frequency. This is usually 4-10 MHz

>daytime, 1-4 MHz nighttime.

>

>Summary: Low horizontal antennas plus good use of 160-80-40 meters!

>  
>Good luck.  
>  
>73 and Aloha, Dean Manley KH6B  
>ARRL Life Member, HI Chapter QCWA,  
>ARCI 6257, QRP-L 1032, HI-QRP 1,  
>NorCal 1928, NW QRP 470, OOTC 3642  
>kh6b@juno.com           VTI / W9SAL  
>  
>

-----  
Date: Tue, 28 Oct 1997 10:47:38 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: 70511.3041@compuserve.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [29793] Re: Help:NVIS antenna info?  
Message-ID: <3456253A.3B04@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<http://www.gordon.army.mil/acd/tcs/hf/2418xtr2.htm>

Good Reading on NVIS. Maybe will help Doc.

Gl om!

-Ed Loranger, WE6W

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3  
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: Tue, 28 Oct 1997 10:09:28 -0800  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: qrp-l@Lehigh.EDU  
Message-ID: <3.0.1.32.19971028100928.007019dc@telis.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Wayne Burdick, N6KR came up with the original idea for the NorCal 2222 building contest. Here is a copy of his message to me that was sent after our phone conversation. We will go with his limit of 22, 2N2222 devices.

The NorCal 2222 Design Contest  
Wayne Burdick, N6KR

## Introduction

The object of this contest is to build a ham-band transceiver using only one kind of active device, the venerable 2N2222 NPN transistor. NPN transistors can function at all stages of a radio--oscillators, RF or AF amplifiers, mixers, switching and timing circuits--and you get to use up to twenty-two of them!

Specifically encouraged is out-right theft of existing circuits to build the transceiver. In fact, you don't necessarily have to design a thing; if you want, just glue together existing circuits. But do it with style!

This contest will appeal to those who are all thumbs, since the finished rigs will NOT be judged by appearance or construction technique, just by what they do and how well they do it. The winner will have the honor of having his or her design named the official "NorCal 2222 Transceiver"! There will of course be tangible prizes, too, and there's always the possibility that the winning design might become a NorCal kit.

## Rules

1. The 2N2222 is the cockroach of NPN transistors: no matter what happens to us or to the planet, you'll still be able to find them in huge quantities. Your task is to use these ubiquitous parts to design a radio for a post-apocalyptic world; a radio that could be built in any country, no matter how remote it may be from Silicon Valley.
2. You may use up to twenty-two (22) 2N2222-family transistors, including the 2N2222, 2N2222A, PN2222, PN2222A, exact NTE equivalent, etc. You can use as many other electronic and mechanical components as you like (including diodes), as well as any kind of packaging. But DO NOT use ICs, other transistor types, or mixers such as the Tuf-1 or SBL-1 etc.
3. Feel free to incorporate parts of published circuits into your design. Cite all references used, and try not to "borrow" more than 25% of your design from any single article. Also let us know which circuits you designed from scratch, or modified, and explain what you learned or observed in the integration process.

4. The transceiver may operate on any ham band(s) and any legal mode(s), but must meet FCC regulations.

5. For each design you submit, please provide the following:

- A. Working prototype of the design
- B. Complete, readable schematic on one 8.5" x 11" page
- C. One-page, typed description of the design, including operating instructions
- D. Results from your own bench tests

### Judging

Entries will be judged strictly by how creatively the designer applied the 2N2222 in his or her design. Entries will be NOT be judged by appearance, construction techniques, finish detail, etc., nor on how many 2N2222's were actually used. (For example, the judges will not be impressed by the use of a 2N2222's base-emitter junction as a simple switching diode.)

In general, performance of the radio will be inferred from the schematics and from the test results you supply. However, those rigs that are deemed safe to operate may also be tested on the air using real antennas. (If the judges have a lot of fun with your radio, it can't hurt your chances. If they fry their power supply and get dirty faces from exploding electrolytics, it *\*will\** hurt your chances. Since you never know who might be judging--we certainly don't--try to make your radio foolproof!)

Entries will be judged at 8:00 PM Saturday night at Dayton 1998 at the Day's Inn Dayton South in the QRP Hospitality room.

Have fun!

72,  
Wayne

This contest is sponsored by NorCal QRP Club and the decision of the judges chosen by NorCal is final.

72, Doug, KI6DS/M0BIV

-----

Date: Tue, 28 Oct 1997 13:29:21 -0500  
From: "Mike Czuhajewski" <mczuhajewski@evi-inc.com>  
To: "QRP forum" <qrp-1@Lehigh.EDU>  
Cc: "Mike Czuhajewski" <wa8mcq@abs.net>  
Subject: [29795] QRP dinner in Laurel, MD  
Message-ID: <199710281837.NAA19733@xanadu.evi-inc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Just another last minute reminder for those in the Washington DC/Baltimore/northern VA region that we're having a QRP dinner at the Olive Garden in Laurel (about halfway between Wash and Balto) at 1845 hours on Wednesday. If I remember, I'll pick up the guest of honor (N2BRT) at his hotel in Balto. Be sure to bring along anything QRP you want for Show and Tell.

The OG is on Route 1, just across the intersection (Cherry Lane) from the Laurel Mall, on the corner. If anyone needs any info, you can call me at work at 410-290-1919 (Columbia) or 301-621-3340 (Wash metro line). If you prefer e-mail, DO NOT respond to the address this was sent from; reply to wa8mcq@abs.net, which gets checked much more frequently.

73 and Queue Our Pea DE WA8MCQ

-----

Date: Tue, 28 Oct 1997 10:38:30 -0800  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: qrp-1@Lehigh.EDU  
Cc: wager@juno.com  
Subject: [29795] NorCal K8FF Paddle Kits  
Message-ID: <3.0.1.32.19971028103830.00704550@telis.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The first run of 500 NorCal K8FF Paddle kits has been sold out in 10 days. The response has been overwhelming to say the least. Don't worry, we have placed the order for another run with the machinist, and I am busy ordering the hardware.

The hardware packs for kits 201 - 500 have been kitted. I will meet Doug Hauff at Kettleman City tonight to pick up the machined parts. It is a 100 mile trip one-way for both of us. He will finish the bases this week and I will package the machined parts. Friday, JoAnne and I will drive to SLO to meet Doug and pick up the bases. We return to Dos Palos Saturday, and I

will package the kits in the padded bags Saturday afternoon and evening. Sunday, the kits will be delivered to Jim at the NorCal meeting. Jim will start mailing the orders out next week in the order that they were received. Please realize that we are only able to ship one kit per box, and that each box has to be packed, sealed and addressed. Jim has a huge amount of work in front of him. Each kit weighs about 1.5 pounds, so his car springs are going to get a good workout. He will mail as many kits as he can per day, but it is going to take a few days.

Jim will keep a list, and the new orders for kits 501 - 1000 will be shipped as soon as we get the kits produced. Thank you for being so patient. 72, Doug, KI6DS/M0BIV

-----  
Date: Tue, 28 Oct 1997 14:35:34 -0500 (EST)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: towertalk@contesting.com, QRP-L List <qrp-l@Lehigh.EDU>, gqrp-l@blacksheep.org  
Subject: [29796] Horizontal plane loop notes  
Message-ID: <Pine.SOL.3.94.971028143213.17130A-100000@utkux4.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I placed the notes distributed to gqrp-l on all-band use of an 80-meter horizontal plane square loop at my site, next to the notes on the vertical-plane delta. Also added a few graphics. Hope they are useful.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)(423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)(423) 974-3509
37938-4443 USA	/	\	\	\	\		cebik@utk.edu
URL: <a href="http://funnelweb.utcc.utk.edu/~cebik/radio.html">http://funnelweb.utcc.utk.edu/~cebik/radio.html</a>							

-----  
Date: Tue, 28 Oct 1997 14:59:06 -0500  
From: Derek Brown <DBrown@RFMD.com>

To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [29797] DC Electronics  
Message-ID:  
<c=US%a=\_%p=RF\_Micro\_Devices%l=PACHACUTEC-971028195906Z-6355@proxy1.rfmd.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks to all who have responded on this and there have been several. I have already phoned DC Electronics today and requested a catalog. What a great group (QRP-L)!!! For others who might be interested...

DC Electronics  
P. O. Box 3203  
Scottsdale, AZ 85271-3202  
1-(800) 467-7736  
1-(800) 423-0070  
1-(602) 945-7736  
1-(602) 994-1707 for FAX

72 de Derek, WF4I  
Greensboro, NC  
dbrown@rfmd.com

-----  
Date: Tue, 28 Oct 1997 13:09:29 -0600  
From: "Dick Schneider" <rschneid@ix12.ix.netcom.com>  
To: qrp-l@Lehigh.EDU  
Cc: cqclist@lists.csn.net  
Subject: [29798] Sierra Mods  
Message-ID: <199710282012.0AA21037@dfw-ix3.ix.netcom.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Is there a compilation somewhere of all major Sierra mods?

72/73 Dick AB0CD..

-----  
Date: Tue, 28 Oct 1997 15:43:25 EST  
From: wd4et@juno.com (Jeffrey L. L. Greer)  
To: qrp-l@Lehigh.EDU

Subject: [29799] G-QRP Club

Message-ID: <19971028.154349.3974.0.wd4et@juno.com>

I recently sent a renewal check to Mike, KG5F for the G-QRP Club.

It was returned "not deliverable" to the Walnut St., Dallas, TX address.

I checked G-QRP's web page with no luck.

Can someone provide the current address information?

Thanks, Jeff

-----  
Date: Tue, 28 Oct 1997 16:12:31 -0500  
From: Michael Maiorana <mikemo@ibm.net>  
To: K5xu@cris.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [29800] Re: MFJ 9040 MODS?  
Message-ID: <3456553F.24F5@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mike Duke wrote:

>  
> A friend recently acquired this rig. I think it's one of the older ones.  
>  
> He says that the vfo drifts and chirps, especially around 7040. He would  
> also like to get a little more audio from the speaker.  
>  
> If you have or know of mods for this radio, please share them so that we  
> can get another happy qrp'er on 40 meters.

If you find out anything, please let me know. I've been trying to get this info for a month.

Thanks!

Mike Maiorana

kf4trd

--

If it's tourist season, why can't we shoot them?

-----  
Date: Tue, 28 Oct 1997 13:27:52 -0800 (PST)



From: Monte Stark <ku7y@sage.dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [29801] Re: CW SS 97 Prelims  
Message-ID: <Pine.SUN.3.90.971028130758.25833C-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Chuck has lots of good info in that post.

One thing I'd like to mention....

During the great Diller Chase, I would guess that 75% of the stations that called me were not zero beat. Many were 300 to 500 cycles away. With a narrow filter I would never have heard you!

So.....

BE SURE YOUR RIT IS OFF!!!

This weekend, if you don't get an answer move you freq a few cycles and call again. Some of these stations will be using 250 cycle filters. If you are 300 cycles off frequency, they can't hear you!

As an excersise, just listen to some QSO's tonight. See if both stations have the same tone in your RX. If they don't they are not zero beat!

To be efficent, you should always be zero beat for a normal QSO. See if you can do it!!

Another tip.....

If your speed is below that of the station you want to work, and we all run into this except maybe Chuck, here is how to do it.

First do like Chuck said and keep copying the exchange until you have the whole thing. Make sure the exchange is in your memory keyer and turn up the speed to match the other fellow!

If he asks for a fill or repeat, you have the option of sending the whole exchange again or of turning the speed down and hand send what he wants. Turning the speed down before sending the requested data is kinda like saying, "Whats'a'matter big boy, you can send ok but just can't copy, eh"!!! Kinda fun to do sometimesj!

What do you do if they ask for a repeat and you didn't copy which part to repeat?? Easy, just send the whole exchange again!!

And let me tell yo'all what a nice guy I am....I am even going to give Chuck a point! That way when I whump him, he can't cry too loud!

Hmmm, maybe I should cut the power to 90 mW just to give him a fair chance.....

Now to chat with Billy and get him to use the number of Fox's worked as a multiplier.... :-)

Ahhhhh, I can nearlyly teast that thare dinner...

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Tue, 28 Oct 1997 16:31:20  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@Lehigh.EDU  
Subject: [29802] Re: NorCal 2222 Building Contest  
Message-ID: <3.0.1.16.19971028163120.26d7d8c0@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hmmm, only 2222's huh? Very interesting idea for a contest, I like it :-)

Sure wish we could also sprinkle in a few 2N2907's. Somethings are going to be a little tricky to do without PNP's. Sort of like trying to get home from work making only left hand turns. Guess that will all be part of the challenge.

72,  
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----

Date: Tue, 28 Oct 1997 14:26:54 -0800  
From: neil <neil@aade.com>  
To: qrp-1@Lehigh.EDU  
Subject: [29803] 3 new Digital Frequency Displays and more  
Message-ID: <345666AE.6776@aade.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

THREE NEW DIGITAL FREQUENCY DISPLAYS. DFD2,3 and 4

DFD2 (available NOW)

DFD2 is designed to provide a digital frequency readout for the type radio that consists of a bandswitched crystal controlled (or PLL) converter in front of a tunable IF. Notable examples are most of the Collins equipment, the Yaesu FT-101, the Kenwood TS-520 and the Heath SB-301.

This type design was very common in the 50's, 60's and 70's.

check out DFD2 at <http://www.aade.com/dfd2.htm>

DFD3 (available 12/1/97) I need to get PCBs made.

DFD3 measures only the VFO. It has it's own band-switch which must be set to match the radios band-switch.

DFD3 is user programmable for most any multi-band radio, however, it will PROGRAM ITSELF for many popular radios.

The data is stored in EEPROM for retention without power.

check out DFD3 at <http://www.aade.com/dfd3.htm>

DFD4 (available NOW)

DFD4 has a built-in prescaler good to 3GHz. DFD4 has 4 operation modes.  
MODE1 HF FAST: max input frequency 30MHz, resolution 10Hz., update .1sec  
MODE2 HF SLOW: max input frequency 30MHz, resolution 1Hz., update 1sec  
MODE3 UHF FAST: max input 3GHz, resolution 1000Hz, update rate .128sec  
MODE4 UHF SLOW: max input 3GHz, resolution 100Hz, update rate 1.28sec.

IF offset is programmable from +/- 0 to 2GHz in 1KHz steps.

Beside being useful for VHF, UHF and SHF equipment, with the addition of 3 switches, two resistors, and two coax connectors, DFD4 can be configured as a bench top frequency counter usable from 0Hz to 3GHz.

Total cost for such a bench top counter can be less than \$70.

Check out DFD4 at <http://www.aade.com/dfd4.htm>

Check out the original DFD for single conversion and direct conversion rigs at <http://www.aade.com/dfd.htm>

While your there, check out the ENCYCLOPEDIA OF AMATEUR RADIO EQUIPMENT at <http://www.aade.com/hampedia/hampedia.htm>

Major update to my links page at <http://www.aade.com/links.htm>

You can also vector to any of these from my home page at <http://www.aade.com>

--

Neil  
<http://www.aade.com>  
<mailto:neil@aade.com>  
Almost All Digital Electronics  
1412 Elm St. SE  
Auburn, WA 98092  
253-351-9316

-----  
Date: Tue, 28 Oct 1997 17:33:07 -0500  
From: Henry Freedenberg <[henryf@quartz.gly.fsu.edu](mailto:henryf@quartz.gly.fsu.edu)>  
To: [mikemo@ibm.net](mailto:mikemo@ibm.net)  
Cc: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [29804] Re: MFJ 9040 MODS?  
Message-ID: <[34566823.81F@quartz.gly.fsu.edu](mailto:34566823.81F@quartz.gly.fsu.edu)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Michael Maiorana wrote:

>  
> Mike Duke wrote:  
> >

> > A friend recently acquired this rig. I think it's one of the older ones.

If the RIT has a detent in the middle it is one of the newer rigs. If there is no detent, you have an older rig. If you call up tech support at MFJ you can probably find someone to talk to.

I too am looking for a list of mods for my 9020.

Henry

-----  
Date: Tue, 28 Oct 1997 17:38:05 -0500  
From: Ed Pacyna <pacyna@auratek.com>  
To: mikemo@ibm.net  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [29805] Re: MFJ 9040 MODS?  
Message-ID: <3.0.16.19971028173803.2f97eb70@dingle.auratek.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have repaired a number of these radios.

As far as the drift problem, The VFO uses a slug tuned inductor and polystyrene capacitors for temperature compensation. Problem is that the manufacture received and used some capacitors with out of specification temperature coefficient. Suggest you call MFJ and see if they will send you new capacitors.

The chirp problem is usually caused by poor circuit design of the oscillator on the NE602 Tx mixer. The circuit uses a variable trimmer cap between pin 6 and 7, a fixed cap from pin 7 to ground and a series inductor and crystal between pin 6 and ground. The variable cap is used to adjust the oscillator frequency for proper transceive (Tx to Rx) off-set. The problem is that the ratio of the 2 caps also sets the needed oscillator feedback ratio. If the variable cap is made to small, the oscillator has difficulty starting (whoops and/or chirps). The cap (between pins 6 & 7) usually needs to be made larger (i.e. add a little fixed C in parallel), however you may then need to make the inductor smaller in order to maintain the proper Rx/Tx off-set. You can test this theory first (to be sure the chirp is not being caused by poor voltage regulation etc.) by adjusting the trimmer cap for more C and listening to the keying on another receiver. Your Rx/Tx off-set won't be correct, but this test will verify that the problem is caused by the improper feedback ratio.

All of the MFJ90XX's I have worked on had sufficient receive audio. However, you might try re-setting the AGC level pot.

73

Ed, W1AAZ

At 04:12 PM 10/28/97 -0500, Michael Maiorana wrote:

>Mike Duke wrote:

>>

>> A friend recently acquired this rig. I think it's one of the older ones.

>>

>> He says that the vfo drifts and chirps, especially around 7040. He would  
>> also like to get a little more audio from the speaker.

>>

>> If you have or know of mods for this radio, please share them so that we  
>> can get another happy qrp'er on 40 meters.

>

>If you find out anything, please let me know. I've been trying to get  
>this info for a month.

>Thanks!

>Mike Maiorana

>kf4trd

>--

>If it's tourist season, why can't we shoot them?

>

>

-----  
Date: Tue, 28 Oct 1997 18:21:16 -0500

From: "Bob Berlyn (HB Electronics)" <hb\_elec@ids.net>

To: qrp-l@Lehigh.EDU

Subject: [29806] Re: NorCal 2222 Building Contest

Message-ID: <3.0.1.32.19971028182116.006a6db4@mail.ids.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Doug, and all:

What a great idea! I am sure we will all be surprised and amazed by some  
great designs and I am looking forward to it.

Now where did I put all those books with the 2N2222 designs. I'm sure I put  
them somewhere so I wouldn't lose them.....

72's es GL to all

Bob N1PWU QRP-L#161 East Greenwich, RI

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HB Electronics  
E-Mail: hb\_elec@ids.net  
On The Web: <[http://users.ids.net/~hb\\_elec/](http://users.ids.net/~hb_elec/)>

-----  
Date: Tue, 28 Oct 1997 18:23:27 -0500 (EST)  
From: JCoote@aol.com  
To: 70511.3041@compuserve.com, qrp-1@Lehigh.EDU  
Subject: [29806] Re: Help:NVIS antenna info? (lengthy)  
Message-ID: <971028182326\_-2145289561@mrin40.mail.aol.com>

In a message dated 97-10-28 10:22:13 EST, 70511.3041@compuserve.com writes:

<< Gang:

Can anyone help me locate the fairly recent article on building and using a "NVIS" antenna? I believe it was in 73, CQ or QST within the last year or so. Have dug through all my available copies, though, and cannot locate it. Maybe I am going blind <VBG>.

This is an antenna mounted low to the ground, to force the signal at HF to travel more vertically than horizontally. The ARRL Antenna Handbook mentions the phrase NVIS but apparently offers no practical antenna projects.

Need to put something up today, if at all possible. So if anyone can help, please do! Thanks in advance.

72/73,  
--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ars 311 mn-qrp 19  
>>

Doc & The List:

NVIS is military for Near Vertical Incidence Skywave. Basically, NVIS antennas are used to insure there is no skipzone within the intended planning range (coverage area) usually 0-300 miles in military manuals. In these antennas, more of the signal is concentrated at high angles. This allows the use of 1.6 to about 10 MHz for impossible terrain, such as ravines and canyons.. when FM and repeaters won't work or just can't be set up quickly enough.

A friend in the military said that during the gulf war, the combined use of FM (30-90 Mhz) and HF NVIS really helped. A new MSE (cellular-like) radio

system took too long to deploy for these highly mobile operations.

Skipzones can occur when a horizontal antenna is "too" high (halfwave above ground), or when a vertical antenna is used. Not to be confused with the CB slang "skip" (for ionospheric propagation), the skip zone is an area which has been skipped over by the signal.

Military NVIS antennas may consist of a 16 or 32 foot vehicular whip (with antenna coupler at it's base) tilted over to provide a high angle. Single frequency dipoles, end-fed Ls, and balanced-feed dipoles are also used in other military HF stations, whether parked mobile, portable or fixed.

One NVIS antenna now seen in surplus outlets consists of two crossed dipoles (resonant on different frequencies) fed in the center with a 20 to 30 foot mast which is also a coaxial feeder. I think this antenna is good for 2-30 MHz. Hams who use these have sometimes been disappointed because they try to couple a long coax directly to the antenna mast with the tuner 100 feet away in the shack! This military NVIS antenna must be used with a coupler (antenna tuner) right at the antenna base. It is also important not to try and cut the elements for "resonance" since this was designed to be a multiband antenna.

You could make an equivalent of this field antenna with a 20 to 30 foot TV mast, 300 ohm or 450 ohm feedline (not coax!) and crossed dipoles for 2 and 4 MHz or 4 and 7 MHz. Use a balanced tuner. The crossed dipoles double as guywires for the mast.

NVIS antennas are not that special, or hard to build.

They may be single-frequency dipoles, broadband or multiband designs.

One general rule is that for NVIS, a horizontal wire antenna should not be higher than  $1/4$  wavelength above ground. With this in mind, many hams with simple wire or dipole antennas in a typical suburban installation may not realize they already own an NVIS antenna.

If a multiband wire or dipole antenna is to be used, 20 to 35 feet above ground should be a good compromise for NVIS on 2, 4, 7 and 10 MHz. It will also work nicely on the 10-30 MHz spectrum for lower-angle HF contacts.

If the antenna is an end-fed L, the counterpoise should run under the flat-top portion of the L. This is supposed to aid in high-angle work, somewhat like the reflector in a 2-element beam. I've heard of amateurs placing a counterpoise wire or mesh under center-fed (coax or balanced) NVIS dipoles and this is "supposed to" aid high-angle work by serving as a reflector.

Though most hams prefer DX, there are some good reasons to choose an NVIS antenna and the 1.6-10 MHz spectrum- disaster communications, nets, and reliable communications in a 0-300 Mile radius, regardless of terrain.



I think US military field manuals FM 24-24 and FM 24-18 discuss NVIS in GI grunt format. Beware of a antenna height vs frequency table in one of the FMs- it has a typo error; a part of it is mathematically reversed.

"You might already have an NVIS antenna"

73, Jay  
W6CJ

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Date: Tue, 28 Oct 1997 15:28:49 -0800 (PST)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: bruce muscolino <w6toy@pop.erols.com>  
Cc: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [29807] E-Mail bouncing  
Message-ID: <Pine.SUN.3.90.971028152656.26175C-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bruce and all,

If you have been getting bouncing mail, the first mail stop here is at one of the computers at UNR.

There was a problem for the past couple of days and we have word now that all is again up and running OK. Seems it needed some more memory!

Sorry for any trouble it caused.

73, Ron,       SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

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Date: Tue, 28 Oct 1997 16:37:46 -0700  
From: Andy Fox <foxes@theriver.com>  
To: qrp-l@Lehigh.EDU  
Subject: [29807] Zero Beat (long question)  
Message-ID: <3456774A.2965@theriver.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello,

I have been too embarrassed to ask this question earlier, but now I have to ask it. How do I "zero beat" the other station? I read a description in the ARRL Operating Manual, but don't know how to apply it to my rig. Specifically, the instructions referenced listening to a monitor tone while sending into a dummy load. The idea was to match the tone with the one of the station that you're trying to zero beat.

I have a NorCal 40A. when listening around, I have noticed that a given signal (first station) usually comes in strongest when the tone is about the same as my morse code practice program (730 Hz). It may actually be easier to copy the signal at a different audio frequency (lower, for me). I can change the audio frequency by tuning with the VFO. When the other station responds to the first, his tone may be different. I'm pretty sure that if they're the same, the two stations are zero beat.

Let's say that I want to communicate with one of the stations when they finish their QSO. How do I make sure I'm zero beat? The sidetone in the 40A is actually my transmit signal. It is always the same pitch. (Actually, it can be adjusted, but that is outside the topic). Should I simply match the audio tone of the station I wish to communicate with to my (constant) audio tone? Is it that simple?

The 40A has RIT, which I have not used during both of my CW contacts. Yes, both! I'm planning on operating during the sweepstakes this weekend and become a "real" operator. Anyway, should I continue to ignore the RIT until some time after the sweepstakes, or figure out how to use it beforehand? I would guess that nobody's going to drift very far during a short contest contact.

I just got my QSL cards yesterday. Followed the advice on the list about putting all the info on one side. I hope to put about half of them in the mail after this weekend...

73 de KK7HV

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Andy Fox  
foxes@theriver.com

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Date: Tue, 28 Oct 1997 18:56:15 -0500 (EST)  
From: JCoote@aol.com  
To: Bob\_Tellefsen-CNSE97@email.mot.com, qrp-1@Lehigh.EDU  
Subject: [29808] Re: 49er (Remember them?)  
Message-ID: <971028182307\_-426230618@emout08.mail.aol.com>

In a message dated 97-10-28 04:07:22 EST, Bob\_Tellefsen-CNSE97@email.mot.com  
(Bob Tellefsen-CNSE97) writes:

<<

Hey, "we" had a first last night. Called CQ on 40m just below 7040,  
and had a weak call in reply. Turned out to be W6EIW in Mustang, OK,  
running about 1/3 watt with a 49er! First one we've ever worked. Now  
I just may have to dig mine out and get it working also.  
Darn nice job for the distance, OK to near San Francisco. Well over  
the 1K miles/watt requirement.  
73, Bob N6WG and Ol' Kenwood

>>

I have a 49'er which I assembled in a small container (non-Altoids) with 9V  
battery and posts for 33' wire and counterpoise. One of these times I hope  
to get out of the office (and house) and find a tree somewhere to string the  
antenna.

One small thing- it would be nice to have a 600-800 Hz TX/RX offset in the  
49'er and future miniature QRP R/Ts.... even if we have to sacrifice VXO and  
use crystal control.

73, Jay

W6CJ

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End of QRP-L Digest 892

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